Hands-On: New LaserActive Player

# VIDEO magazine

$2.95 • DEC. 1993

## Holiday Gift Guide

- Great Gear Under $200
- Power Presents Under $1000
- Terrific Tapes Under $15

## DESKTOP VIRTUOSO
Hands-On Computer Editing V-Deck

## SMART SCREENS
Interactive Program Guides For Channel Surfers

## TVCR BUYING GUIDE

## VIDEOTESTS
8mm Snap Cam, 8mm Camcorder S-VHS & VHS VCRs

#BXBGLCX****[redacted]
#EBR2613S096 6#513476 4CP25
[redacted]

# FOR OUTSTANDING ACHIEVEMENT IN MOTION PICTURE SOUND.

A Sony A/V Receiver brings the magic of movie soundtracks home.

With a Dolby Pro Logic® system that literally wraps you in sound bigger than life.

So we ask, heard any good movies lately?

For your complete personal guide to all Sony consumer electronics, we're introducing Sony Style magazine. To receive your copy for $4.95, plus $1.50 shipping and handling, call 1-800-848-SONY. Visa and MC. Offer expires 4/94. © 1993 Sony Electronics Inc. All rights reserved.
Sony and Sony Style are trademarks of Sony. Dolby and Pro Logic are trademarks of Dolby Laboratories Licensing Corp.
Columbia Pictures and the Lady and Torch design are trademarks of Columbia Pictures Industries Inc.

SONY

COLUMBIA
MASTER VOLUME
MUTING
-20dB
BALANCE
MODE SELECT
VIDEO3 INPUT
VIDEO
L AUDIO R
FM STEREO/FM-AM RECEIVER STR-D1011

# VIDEO *magazine*

## FEATURES


**BREAKING THE GIFT BARRIER** 54
Unique, offbeat, irresistible gifts for videophiles for under $200. By Rich Warren

**POWER PRESENTS** 58
High-tech ideas, from speakers to tweakers, for under $1,000 By Brent Butterworth

**$14.98 FEVER** 60
Crowd-pleasing cassettes for even the tiniest holiday budgets.

**SMART SCREENS** 64
Savvy program navigators pave the road toward 500-channel TV. By George Mannes

**EDITING VIRTUOSOS** 68
A hands-on look at the Vdecks, Sony's 2 unique PC-friendly editing VCRs. By Cliff Roth

**MR. MARIACHI** 72
Video maven Robert Rodriguez takes Hollywood by storm. By Kenneth Korman

**TVCR BUYING GUIDE** 74
Shopping solutions for video's most convenient combo. By Jonathan Takiff


## TAPES & DISCS


**REVIEWS** / Cliffhanger, Sliver, Criterion edition of The Killer and Freaks on laserdisc, more. 102

**EDITOR'S CHOICE** / Todd Rundgren's No World Order CD-I disc 103

**DIRECTORY** / The latest releases on tape and disc 108


## VIDEOTESTS


**SONY CCD-SC5 8MM CAMCORDER,** 32
Mitsubishi HS-U69 S-VHS VCR, Hitachi VM-E55A 8mm camcorder,
Fisher FVH-4910 VHS VCR. By Berger-Braithwaite Labs


## DEPARTMENTS


**CHANNEL ONE** / New wave for channel surfers 6

**FEEDBACK** / Letters from readers 8

**FAST FORWARD** / Kevin Kline, Dolby surround chip, more 10

**NEW PRODUCTS** / Flexible receivers, a 3-hour tape, a steady camcorder 14

**HANDS-ON TEST** / Pioneer's multimedia LaserActive system 18

**HOME THEATER** / Protecting your system from dips and spikes 27

**CAMCORNER** / Dews and don'ts for shooting in the tropics 28

**Q & A** / Technical queries answered 30

**OFF THE AIR** / How can I sell thee? Let me count the ways 144


**Cover:**
A season for gifts, including Sony's CCD-SC5 Handycam Snap, the VCR Plus with Call-Set, Sharp's 4M-T30U LCD TV and *Home Alone 2.* Photograph by Les Morsillo, computer effects by Graphic Systems


Video Magazine
Volume XVII
Number 9

The Audit Bureau

VIDEO Magazine (ISSN 1044-7288) is published monthly by Reese Communications, Inc., 460 W. 34 St., New York, NY 10001. Second-class postage paid at New York, NY and additional mailing office.


© 1993 Reese Communications, Inc. All rights reserved. © under Universal, International, and Pan American Copyright Conventions. Reproduction of editorial or pictorial content in any manner is prohibited.


Single copy price $2.95; $3.50 in Canada: £2.50 in U.K. One-year subscription (12 issues) $15.; Canada, $22.47 (includes GST #R125938423) U.S.; foreign. air mail, $40 U.S. Canadian international publication permit #546488. Address subscription orders, change of address, correspondence and inquiries to: VIDEO, Box 56293, Boulder, CO 80322-6293, or call toll-free 800-365-1008. Change of address takes 60 days to process: send old address label, new address, and zip code. All material listed in this magazine is subject to manufacturer's change without notice, and publisher assumes no responsibility for such change. POSTMASTER: Send address changes to VIDEO, Box 56293, Boulder, CO 80322-6293. For microform copies of issues or articles, write to: Serials Acquisition Dept., University Microfilms, Inc., 300 North Zeeb Rd., Ann Arbor, MI 48106.

# JVC TAKES TELEVISION TO THE MOVIES

## Introducing JVC Widescreen TV.

Sit back, relax and enjoy the show. Whatever the source – from regular TV to letterbox laserdiscs – JVC's NV-55BX4 makes it look like, sound like, feel like you're at the movies. How? With a huge 55" 16:9 format super widescreen that shows movies the way they were meant to be seen; three widescreen display modes including JVC's exclusive Panorama mode that lets even regular TV broadcasts fill the widescreen; Theater Status function that turns overly bright video into lush, soft, film-like pictures; and a Dolby® Pro Logic® sound system that thunders across the room and whispers in your ear. No other big screen, no other widescreen, no other television can do what the JVC NV-55BX4 can. It's not just television anymore. It's television that takes you to the movies.

**FREE** with purchase: $150 in Blockbuster Video Gift Certificates. Offer good 11/1–12/31/93. See dealer for complete details.

JVC®
JVC COMPANY OF AMERICA
DIVISION OF US JVC CORP.

Simulated television picture. Dolby Pro Logic is a registered trademark of Dolby Laboratories Licensing Corporation.

CHANNEL ONE

# *New wave for channel surfers*

Does anyone really know where this 500-channel TV business came from? *The Wall Street Journal* refers to "the race for dominance in the 500-channel world of the future." *The New York Times* mentions "putting 500 channels into every cable home." And so it goes. Almost any day in the business pages of the nation's newspapers and magazines (including ours), you'll see a reference to this magic number. I suppose it started merely as arithmetic, a calculation of possibilities by researchers working on video compression technology, but it's taken on a life of its own.

Five hundred channels, 500 channels, 500 channels. Along with fiber optics and video on demand, the nubmer has become a kind of mantra for the general media and financial analysts whenever they wax futuristic by looking farther ahead than the next quarterly corporate report.

The truth is that the number is completely irrelevant. As a practical matter for most viewers, the critical number is ONE. The one channel we want to watch at any specific time (multigame autumn Sunday afternoons for the serious football addict notwithstanding) is the only relevant number.

Many of us already live in a virtual 500-channel world, with scores of cable channels available. We have access to 65 channels on our cable service, including several pay-per-view listings with multiple offerings that probably project out to well over 100 channels. But the challenge—now and in the future—isn't in expanding the universe of available channels. The real challenge is twofold: to create quality programs for the new delivery systems that are beginning to come on line and, secondly, to make it simple for viewers to find that one special program when they want to watch it.

There's good news for the serious channel surfer. Help in meeting the latter challenge is on the way. In "Smart Screens" (see page 64) contributing editor George Mannes paints a picture of the companies that are designing equipment and software to help you navigate your way through the 499 channels you don't want, to reach the one you desire.

As for meeting the first challenge—quality programming: Start writing, there are hundreds of channels to fill.

Jim Barry

James M. Barry
Editor


**VIDEO** *magazine*

**President and Managing Director,** Jay Rosenfield

**Editor,** James M. Barry

**Managing Editor,** Stan Pinkwas
**Technical Editor,** Lancelot Braithwaite
**Senior Editors,** Kenneth Korman, Brent Butterworth
**Assistant Editors,** Brian Clark, Josef Krebs
**Contributing Editors:** Bob Angus, Mavis Arthur, Bob Barlow, Frank Beacham, James Caruso, Steve Daly, Steve Ditlea, Bruce Eder, Ron Goldberg, Ty Harrington, David Lachenbruch, Gordon McComb, Marianne Meyer, Cliff Roth, Rich Warren, Roderick Woodcock

**Art Director,** Marshall Moseley
**Associate Art Director,** Vera Naughton
**Art Assistant,** Luis Ramos Jr.
**Production Manager,** Gary M. Krystofiak
**Production Assistant,** Kim Lau
**Typesetting,** Janet M. Holland

**Publisher,** Eric C. Schwartz

**Associate Publisher,** Linda DeRogatis
**Advertising Director,** Marvin Lewis
**Circulation Director,** Rodney Bell
**Circulation Assistant,** Rosemary Y. Paver
**Newsstand Sales Director,** Gerald Levine
**Marketing Director,** Luanne Rao
**Financial Officer,** Mark C. Spector, C.P.A.
**Business Manager,** Janette Evans
**Assistant Business Manager,** Lily Schwartzberg
**Advertising Coordinator,** Karen Pellino
**Assistant to the President,** Kenneth Bell

**Corporate Offices, Editorial & Sales:** Annette Schnur, Christine Barbieri, 460 West 34 St., New York, NY 10001; 212-947-6500, 212-947-6727 (fax)
**West Coast Sales Office:** Linda DeRogatis, Karolynn Humberd, Marc D. Minasian, 1453 Third Street, Suite 490, Santa Monica, CA 90401; 310-393-5057, 310-393-5538 (fax)
**Chicago Sales Office:** Milton Gerber, Kristene Richardson, Media Plus, 195 Arlington Heights Road, Suite 160, Buffalo Grove, IL 60089; 708-913-5400, 708-913-5403 (fax)

*Editor-in-Chief, Art Levis (1936-1991)*

REESE COMMUNICATIONS INCORPORATED

PRINTED IN THE U.S.A.

# HITACHI

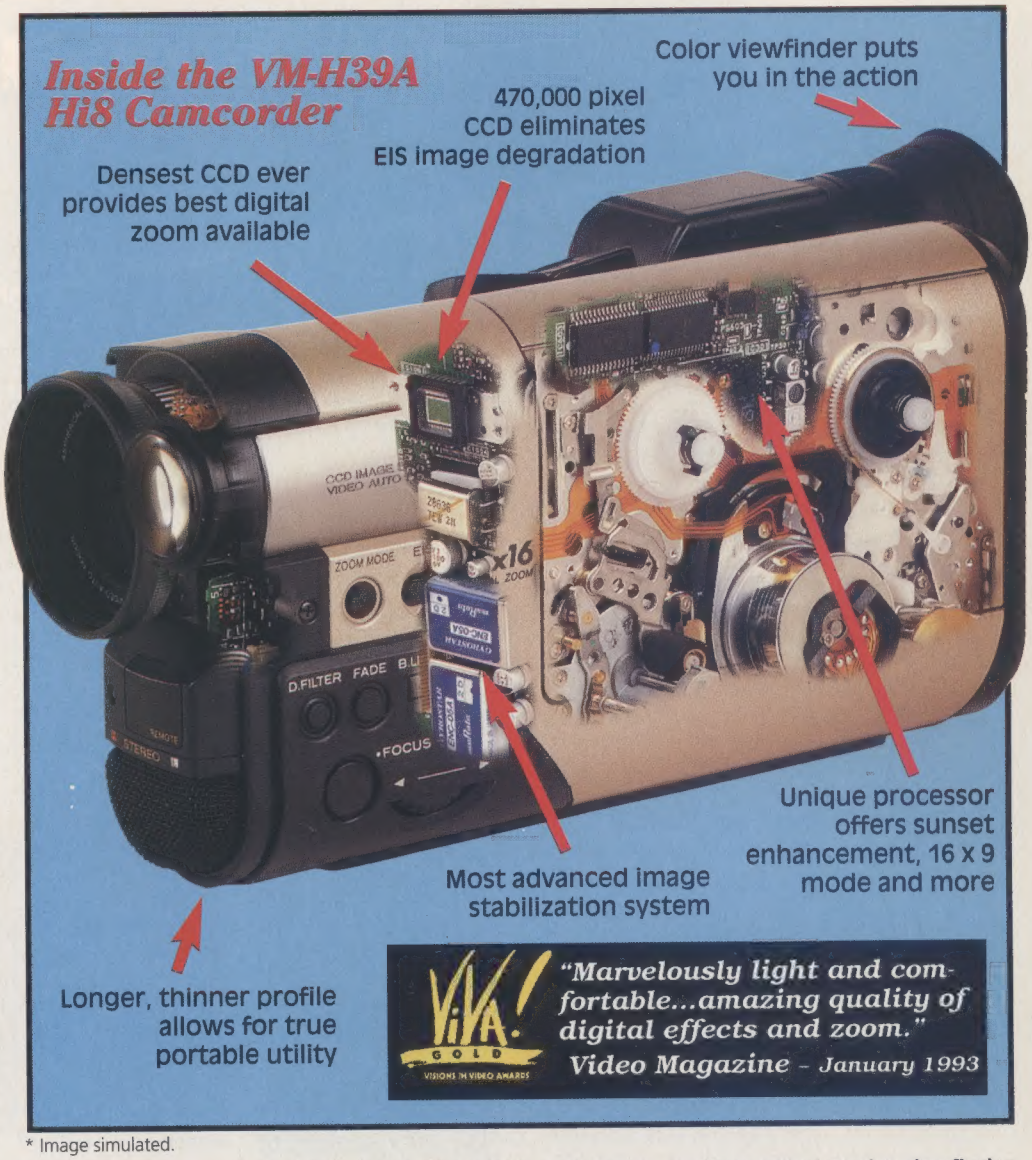
## THE ENGINEERING CHALLENGE

Create an ultra-small and light, fun and easy to use camcorder with state-of-the-art picture quality and digital effects.

This was the mission given Hitachi engineers and they knew they were up against formidable competition. They took a clean sheet of paper and began to meet the challenges. The result was the acclaimed VM-H39A.

Hitachi's engineers understood that utility — to be able to carry the camcorder in a pocketbook, briefcase or pocket — was the goal. They lengthened the shape to move the components in front of the transport and reduce thickness — the most important element in true portability.

Color viewfinder puts you in charge.*




* Image simulated.

## NEW EIS APPROACH

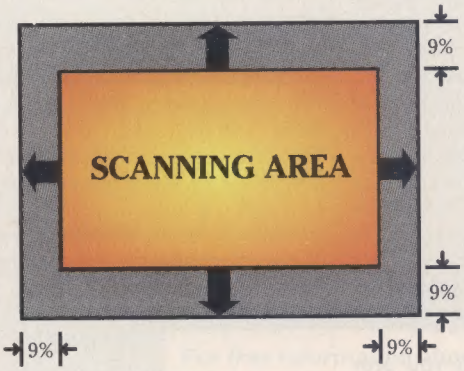
Next, they created a better image stabilization system, one that would not degrade the picture quality. They used a 470,000 pixel CCD, the densest ever in a consumer camcorder. This breakthrough technology solved the EIS image degradation problem and allowed the engineers to include Hi8 picture quality with the best digital zoom in the business — up to 16X.

Hitachi engineering expertise in chip design and manufacturing gave them a leg up in making a processor that includes unique digital effects like sepia tone, sunset enhancement, black and white, and the hot, new 16 x 9 mode.

To top off the VM-H39A they added a color viewfinder to put you in the action and make it fun.

The Hitachi engineers are very proud of the work they did on the VM-H39A camcorder. *Video Magazine* was also impressed and awarded Hitachi its prestigious ViVa Gold Award for the VM-H39A in its January 1993 issue.

Go and experience this incredible camcorder yourself. You'll see why the VM-H39A truly represents Excellence in Engineering.




Advanced 470,000 pixel CCD provides stabilization without degradation.

***For more information on the Hitachi VM-H39A, please write:***
***Hitachi Home Electronics (America), Inc., Customer Service Dept.,***
***3890 Steve Reynolds Boulevard, Norcross, GA 30093-3012 or call 1-800-HITACHI***

**Circle 1 on Reader Service Card.**

# Ring in a new format and fix the old

## Movies on CDs

Is there a need for yet another video format? I think there is, if it is Video CD. Laserdiscs are great, but I hate their size. I am one of the few lucky ones who got a peek at this new video format at the the Consumer Electronics Show last summer. I was very pleased to see movies on CD, but I was not very impressed by the video quality. I assume that since this is the first attempt, video quality will get better.

So am I going to run down to my neighborhood electronics store to buy a Video CD module for my CD-I player? No, not yet! I want Philips, JVC and other electronics giants to improve the format by doubling or tripling the CD storage capacity, improving the video quality to at least S-VHS level, and coming up with a CD player that can play all CD formats and interfaces with my PC.

Yudhveer S. Bagga
Gahanna, Ohio

## Full agreement

I would like to commend "A Modest Proposal for Full-Disclosure Labels" ("Off the Air," Oct. '93). Most software dealers seem to think their customers' video equipment consists primarily of 21-inch stereo TVs. Even with all the ballyhoo about home theater, they still underestimate the desires of the consumer.

It was consumers who discovered that early stereo laserdiscs still contained surround sound information and dusted off their old Quad sound equipment to extract it, while manufacturers were still wondering whether video with stereo sound would go over well.

Had there not been a demand for films on TV in original theatrical aspect ratios, 16:9 sets would not exist. It is one thing to purchase a film with a compromised ratio if you know it is a compromise. But the consumer is being lied to by the manufacturers since he believes the word "letterbox" guarantees that what he is buying is what was shown in the theaters.

The full disclosure labels you propose would not only minimize confusion and returned goods, but reflect the mature industry home video is becoming. If Hollywood had its way 15 years ago, studios would not be making the money they are from home video. They should listen to their consumers. And considering the prices they charge, it's only fair to let us know exactly what we're buying.

Thomas DeFelice
Leominster, Massachusetts

## Letterbotched

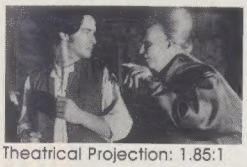
Full-disclosure labels for video is a great idea ("Off the Air," Oct. '93), but I hope video companies would be more accurate than the explanation in the article. A cropped 1.85:1 transfer shouldn't contain more side-to-side picture information than its 1.33:1 camera original. In fact, the cropped theatrical print (or its letterboxed laser equivalent) should contain the same side-to-side picture, but less of the top-to-bottom image. The pictures accompanying the article were obviously botched.

Richard H. Bush
Manorville, New York

*Editor's reply: Due to an error at the printer, the illustrations were incorrectly cropped. They appear above as they should have.*

**ASPECT RATIOS**

Original Photography: 1.33:1


Theatrical Projection: 1.85:1

Criterion laserdisc: letterboxed at 1.85:1

**Full Disclosure:** If included on the packaging of cassettes and laserdiscs, images like these would let consumers know how the video presentation of a film compares to its theatrical counterparts.

## Cable control correction

"Cable Ready VCRs" (Oct. '93) by Brian Clark states that Toshiba VCRs only use a top emitter. This is not the case. Toshiba uses top- and front-panel emitters, which our engineers have found to be the most effective and unobtrusive manner to control a cable box.

Also, Toshiba's VCR Plus+C3 designation stands for Cable Channel Changer. This is the name Gemstar Development Corp. authorized for VCRs using the Cable Box Control. Since not all manufacturers are using this designation, this is causing confusion.

Lastly, the M459 and M469 VCRs are monaural, not hi-fi as your chart shows. Overall, the article was excellent and should help potential customers to choose the correct deck to suit their needs.

Claude J. Frank
National Product Marketing Manager
Toshiba America Consumer Products

## ...and cable taketh away

I've just read "Showdown at Compatability Gap" (Oct. '93). The Cable Act not only didn't do a thing for me, it actually took seven channels away. My cable company moved A&E, which was on channel 31 to chanel 40, WLVT from 30 to 39, government/education channels to 42 and 43, and C-Span 1 to 44. I have a 3-to-37 converter and not only do I now a pay rental fee of $1.20 per month, but if I want the channels from 38 to 100 (the company also moved five channels and the Prevue guide to the area above 37), I have to pay $2.80 per month for a new converter.

You discuss the poor guy who can't get all the "extras" he bought. How about the guy who has a basic TV, a basic VCR and a basic converter who can't get the basic channels he had yesterday? I think cable companies are using the new government regulations to stuff a little more money into their monopolistic pockets.

Robert R. Shue
Willow Grove, Pennsylvania

*Video Magazine welcomes your comments. Address correspondence to Feedback, Video Magazine, 460 West 34 Street, New York, NY 10001.*

# A Home Theater Should Never Feel Like Home.

Onkyo's advanced lineup of full Digital Dolby Pro Logic Receivers takes you out of the living room and puts you right in the center of the action. Sound Effects are heart-stopping. Dialogue is crisp and intelligible. And a complex soundtrack is heard just as it was recorded. A Home Theater shouldn't feel like home. It should feel like you're in deep space, on the bottom of the ocean, or in the middle of a battlefield. To find out how Onkyo can take you there, complete and mail the coupon at right.

*Artistry in Sound*

**ONKYO®**

**Onkyo USA Corporation, 200 Williams Drive, Ramsey, NJ 07446**

**For free information about how our complete line of AV Receivers can bring the theater experience to *your* home, please complete the following information.**

Name

Address

City, State, Zip

**Mail coupon to: Onkyo USA Corporation, 200 Williams Drive, Ramsey, NJ 07446**

## Chip off the old block

Dolby laboratories and Zoran Corp. have developed a new digital signal processing chip that could revolutionize home theater as early as 1994.

The ZR38000 will offer single-chip decoding of audio processed with Dolby's AC-3 technology, which offers six discreet channels of audio—five full-frequency channels plus a dedicated subwoofer channel—and includes stereo surrounds. The current home theater standard, Dolby Pro-Logic, is a matrixed system that employs four channels with mono surrounds. A new home system based on AC-3 technology, called Dolby Surround Digital, is intended to eventually replace Pro-Logic in decoders and A/V receivers.

Surround Digital will likely appear first in high-end consumer gear next year, and gradually trickle down to moderately priced products just as Dolby Pro-Logic has done. Because Surround Digital will require software encoded with the new process, the transition is likely to be fairly slow. But all Surround Digital products will be backwards compatible—the new chip also decodes Pro-Logic software in the traditional fashion. Dolby hopes that AC-3 and Surround Digital will be applied not only to laserdisc and VHS, but to audio formats like CD for multichannel music, and to coming DBS and HDTV systems. —**KK**

**Future Shock:** Dolby's new home theater chip.

*Dave's Kevin Kline*

## HAIL TO THE CHIEF

Kevin Kline has played a variety of parts—including his Academy-Award-winner as the deranged Otto in *A Fish Called Wanda*—but none was as bizarrely demanding as the lead in *Dave* (Warner Home Video) as both a George Bush-like President and his look-alike. Playing an actor playing a president partially based on a real leader could get confusing, especially when Kline and his colleagues were invited by Bill Clinton's camp to view the election night returns at Democratic headquarters.

To Kline, however, politics, playacting and reality have all been commonplace in Washington for a while...at least since an actor named Reagan took over the White House ("Very sobering thought, an actor in charge," says Kline). Although he admits *Dave* is a fantasy, Kline feels the movie is not too far from the times in its depiction of an idealist who tries to make the government work for the people.

"The character overcomes all the powers that are against him because he stays true to himself," notes the actor. "The movie dares to *not* be cynical. It dares to *not* be hip. It says that if you have a president who genuinely wants to do something, you can get a lot of work done.

"And finally," he adds in typical comic deadpan, "we have a man in the White House who can string dozens of words together: a verb, a noun, a full sentence. It's been years since we had one like that." —**Tom Soter**

## Home theater in the round

With home theater still a hot concept and component shopping as confusing as ever, Sony has created a system of self-contained home theater modules to let shoppers see for themselves what home theater components look and sound like. Its "e³" displays (for "entertainment to a higher power") will turn up in at least 100 stores in coming months. If you see one, just press the red e³ button (you won't be able to miss it). This will activate a special laserdisc set up to demonstrate different screen sizes and surround modes.

**THE NUMBER**

**110,000**

The number of stores in the U.S. where videotapes can be rented or purchased.

## QUOTE OF THE MONTH

*"The concept of channel number will become irrelevant as we move into a world of virtual channels."*

EDDY HARTENSTEIN
President, DirecTV

## Collected works

▶▶ Are you swamped by your videotapes, drowning in laserdiscs? VideoLib by C&C Systems of Westminster, California is a simple, efficient computer program for organizing personal collections of films and home videos. It was developed by Carol Hunneyman, a database consultant who needed a way to cope with her husband's growing collection of 2,000 video programs.

The result is a fast, easy to use database template for Filemaker Pro, costing only $20, that treats each movie or program as an individual record. You can add to and modify the records, sort them in a variety of ways, print out reports, and print movie titles on Avery cassette labels. It also keeps track of the unused time on each tape. VideoLib is available in identical Mac and Windows versions, and you'll need Claris' Filemaker Pro (versions 1.02 and later) to run it. For further information, call C&C Systems at 714-892-5755.

**—Stan Pinkwas**

## Dawn of the dead

▶▶ Multi-purpose products aren't new in the electronics market, but two Charlotte, North Carolina men have carried the notion to a macabre extreme. According to a *Wall Street Journal* report, Jerry Bey and Urell Lowerey have invented a new TV stand/storage case that can be converted into a coffin when the owner dies.

The Kas-Kit is described as resembling a medium-sized birchwood foot locker with three sections that pull out from one side to a maximum length of seven feet. Prices range from $450 to $750 for the deluxe version with lining and brass handles.

## Laura Palmer lives!

▶▶ We usually think of pre-recorded tapes duplicated at the low-quality EP speed as a blight upon the video landscape. More often than not, EP is used to deliver truly inferior products at mid-level prices. But WorldVision has found a use for the format that some may find practical—even preferable—given the length and potential cost of the program in question. The company has released all 29 hours of *Twin Peaks*—including the show's generally underrated second season, in its first appearance on video in this country—in a boxed set of six slow-speed cassettes for $89.95, or separately for $14.95 each. (The seven-hour first season is already available as an SP-speed boxed set, and on laserdisc from Image Entertainment.)

A quick scan of the new set reveals a picture that definitely leaves much to be desired. But we must admit to some pleasure at holding the entire series in one hand, especially after peering over the huge pile of homemade *Peaks* cassettes, out of sequence and full of commercials, in the corner of our living room. Our only complaint is the lack of choice: WorldVision has no current plans to offer a VHS-SP collection of the entire series, which many would undoubtedly prefer even at much greater cost. What we'd really like to see,

*Twin Peaks*

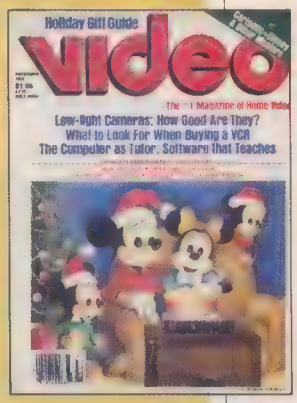
though, is the entire series available here on laserdisc, as it is in Japan.

Ironically, Worldvision's *Twin Peaks* boxed sets don't include the two-hour pilot episode, as the rights to that program belong to Warner Home Video. So if you really want the entire show, you'll still have to spend an additional $14.95 for Warner's cassette—and stop the tape about 20 minutes before it ends to avoid seeing a bogus finale that was originally shown to theatrical audiences in Britain, but never broadcast in America. **—KK**

# TIMESHIFT

## TEN YEARS AGO IN VIDEO MAGAZINE

**"Between promise and reality, cable TV's image has changed dramatically. Not so long ago, it was said to be "revolutionary," spearheading a new communications era of unlimited information. Today, though it has boosted expectations of what TV should be, cable seems to have increased more in quantity than quality...Move over, Disney! 'Tis the merry month of Christmas and every producer and distributor wants to stuff our children's stockings full of videos. But what, pray tell, constitutes a "children's video?" After all, kids are interested in the same kind of fantasy and adventure stories as the rest of us. We suggest focusing on broadly shared family interests when seeking appropriate kidvid. Look for programs you can all enjoy together...Many of us are still getting over the recession blues and budgeting carefully. But the videophile in your life will be thrilled with these holiday gift suggestions, all in the $10 to $25 price range: a blank cassette (high-grade tapes are only about $15), a head cleaner or a fused outlet strip."** ■



December 1983

## Romancing the stone

If a group of scientists working with a Texas company is successful, the next generation of flat TV and computer screens may use a synthetic diamond film to emit electrons. Although a working prototype has yet to be demonstrated, scientists at SI Diamond Technology of Houston say brightly self-illuminated display screens could be manufactured cheaply to produce high-quality pictures suitable for HDTV.

Synthetic diamonds have been tried in a number of industrial applications in recent years but scientists have thus far been unable to integrate them successfully into electronic components.

## Lost in space

Paramount's new Starfleet Collection VHS boxed set includes letterboxed versions of all six *Star Trek* films, plus a new feature we're unlikely to see again any time soon: The set can only be

opened with a supplied card key. Trekkers may flock to this limited edition of 5,000 sets, which also features a sequentially numbered certificate of authenticity, six *Star Trek* trading cards and a watch that reveals a special message as the second-hand progresses—"To Boldly Go Where No Man Has Gone Before." But there's no word yet from Paramount as to how fans will enter hyperspace when the precious card key gets lost. The collection goes for $199.95.

# Late Breaking News

THE JAPAN Electronics Show, held in October near Tokyo, offered a preview of several products destined for U.S. stores. First is an improved version of Sharp's Hi8 ViewCam, to be introduced in the U.S. by Christmas. The new model adds a hand strap, moves the run/pause button to the rear, replaces the difficult-to-use zoom buttons with a sturdy rocker switch, and adds an input that lets you play ViewCam tapes through a video printer while you view the printer's video output on the ViewCam's monitor.

Sony showed three remarkable new video products, but has not decided whether it will bring them to the U.S. Best is the first full-featured Hi8 VCR with RC time code and a built-in edit controller. The company also showed a neat headset-mounted video camera and a motorized pan/tilt camcorder mount that uses a wired remote control with an LCD monitor.

Every major manufacturer showed a 16:9 NTSC TV for the Japanese market, in sizes down to 24 inches diagonal. The sets are already in most stores; time will tell if they make it into Japanese homes. Expect U.S models—mostly direct-view sets— in mid-to-late '94.

Many companies previewed prototype Video CD players, most notably JVC, which showed a Video CD player built into a shelf audio system, and a six-disc, magazine-type Video CD changer.

•

PHILADELPHIA GRADUATE student Michael O'Reilly has won the Grand Prize Award in Sony's 1993 Visions of U.S. contest. His entry, *Glass Jaw*, documents O'Reilly's recovery from a violent assault, and was selected from more than 800 entries. The 1994 contest will include five categories: fiction, non-fiction, experimental, music video and a young people's category for videomakers aged 17 and younger. Watch this space for further details.

•

IN CONJUNCTION WITH THE video release of *Amercian Heart* (see "Tapes and Discs" in this issue), LIVE Home Video is working with the non-profit Hunger Network (cofounded by *American Heart* star Jeff Bridges) to collect canned foods for distribution to the needy this holiday season. Look for specially designed collection bins in your neighborhood video store, and bring those non-perishable items with you when you rent your next cassette.

•

YET ANOTHER FIVE-INCH videodisc format has been announced, this one from Pioneer, the company that has long stood behind the 12-inch laserdisc format. The company says its new Alpha Vision system, to be introduced in Japan next March, is intended solely for commercial karaoke applications—not for consumers. The high-density format reportedly transfers data at three times the rate of standard audio and the new video CDs, resulting in picture resolution closer to that of laserdisc than VHS.

•

AS WE PREDICTED ("Showdown at Compatibility Gap," Oct. '93), the Federal Communications Commission is pressing for cable TV and consumer electronics gear to become more compatible. Its recent report on the subject comes down squarely on the side of viewer common sense. Cable companies would be required to adopt standard channel designations, and barred from scrambling basic channels. Consumers would be able to bypass their cable boxes by having unscrambled channels fed directly to their TVs or VCRs, or run the boxes with commercially available remote controls. The FCC also endorsed a "decoder interface" that would restore to cable viewers picture-in-picture features and the ability to record one show while watching another. The FCC's recommendations could become regulations when the comment period ends next April.

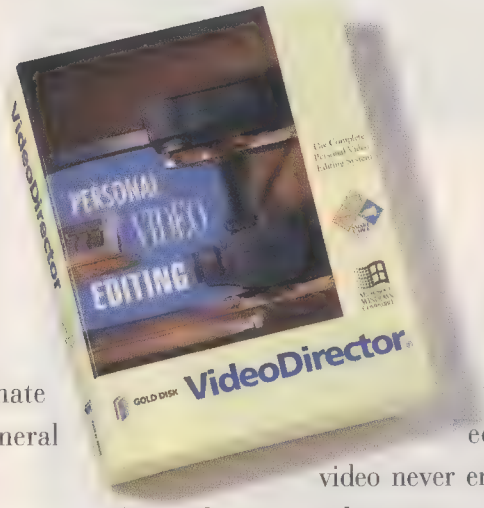
•

HERE'S A SURPRISE: KOREA forged ahead of Japan and Malaysia this summer to become the leading source of VCRs for the United States. Although the dip may be temporary, *Television Digest* reports it's the first time ever Japan hasn't led the list.

•

THE JAPANESE HAVE COME UP with yet another 3D viewing system. This one uses an LCD projector with a lenticular lens to separate the video image into left and right halves, so viewers won't have to wear 3D glasses. Pictures size is said to be large, ranging from 40 to 70 inches, but so are the prices, which will begin at about $57,000 when the system is introduced next summer. Sanyo, NHK and Toppan Printing are behind the project. ■

# CUT THE CRAP.




Now you can easily eliminate bloopers, blunders and general boredom from your videos.

And instead, make great tapes with just the moments you want. In just the order you want.

All you need is your PC, camcorder, VCR, and VideoDirector:* the remarkable personal video editing program, from Gold Disk.

VideoDirector comes with everything you need to connect your PC, camcorder and VCR together into a complete video editing system. And since the video never enters your computer, no expensive digitizing cards are required.

With VideoDirector, you'll be editing great videos in no time. And for no more than **$199**.

So get a copy of VideoDirector today, or call us at **1-800-465-3375**. And start cutting.

**GOLD DISK**

*Any LANC compatible camcorder (most Sony and other 8mm), any PC running Windows 3.1, 16mhz 386-SX or better, and any infrared controlled VCR will do.

© 1993 Gold Disk Inc. Gold Disk and VideoDirector are trademarks of Gold Disk Inc. Sony is a trademark of Sony Corp. Windows is a trademark of Microsoft.

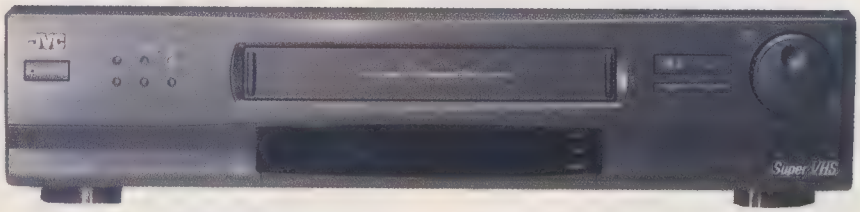
**Circle 2 on Reader Service Card.**

BY BRIAN CLARK

# *Flexible receivers, a 3-hour tape, a steady camcorder*

## ▲ NEW 8MM DUO

Nikon has added two 8mm camcorders to its line. The VN-550 ($1,500) features optical image stabilization, a color viewfinder, 10x zoom, fade to black or mosaic, and four programmed auto exposure modes. The VN-340 ($1,200) has all the above features except image stabilization, and adds a built-in 0.7x wide-angle lens. (For additional information, circle 101 on the Reader Service Card.)




## ▲ NEW DECK ON THE BLOCK

JVC says its HR-S4900 S-VHS VCR has improved picture circuitry from last year's HR-S4700, which remains in the line. The HR-S4900 includes VCR Plus with cable box control, Random Assemble Edit, insert edit, audio dub, and front inputs. It's priced at $899. (For additional information, circle 104 on the Reader Service Card.)

## ▲ PIONEERING RECEIVERS

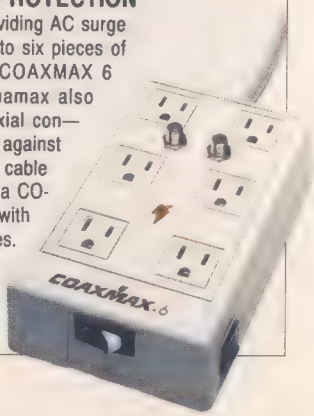
A new computer-like graphic user interface guides users through the many options in Pioneer's new A/V receivers, the VSX-D2S and the Elite VSX-97 (pictured). Both receivers have three preset sound field controls (movie, concert and sport) and one user-programmable mode with parameters that include room size and wall type. A video edit mode allows you to mix and fade between any combination of sources. The VSX-97 features Legato Link conversion, which restores frequencies above 20 kHz that are kept out of some digital recordings. The VSX-97 ($2,600) is available now, with the VSX-D2 (price not avilable) due in January. (For additional information, circle 105 on the Reader Service Card.)

## ▼ 3-HOUR FIRST

Sony has created a three-hour metal evaporated Hi8 videotape, the E6-180HME. The key to the extra length at SP speed is the base film thickness, which has been reduced from nine microns to seven. Sony claims to have improved the backcoating and tape surface while retaining the strength of the thicker tape. It's priced at $34.95. (For additional information, circle 103 on the Service Card.)

## ▼ MAXIMUM PROTECTION

In addition to providing AC surge protection for up to six pieces of equipment, the COAXMAX 6 ($129) from Panamax also has a set of coaxial connectors to protect against surges through a cable line. There's also a COAXMAX 2 ($89), with two AC receptacles. (For additional information, circle 111 on the Reader Service Card.)



AVR-3000 AV SURROUND RECEIVER

For over 83 years Denon has been producing sound faithful to the original. Whether recording and pressing records or Compact Discs; making the world's first commercial digital recording; building professional recording and broadcast equipment or producing the CD Players ranked No.1 in Consumer Satisfaction for two years in a row *(Verity Research, 1991/92)*, the Denon name has been synonymous with high fidelity.

DSP DENON DIGITAL SIGNAL PROCESSING SYSTEM

DOLBY SURROUND PRO LOGIC

# Denon's AV Receivers give dramatic new direction to high fidelity.

By accurately controlling signal placement, Denon has redefined high fidelity for Audio Video Surround Sound—*sound that is fully faithful to the director's vision of the cinematic experience.*

AVR-2000 AV SURROUND RECEIVER

AVR-1000 AV SURROUND RECEIVER

AVR-800 AV SURROUND RECEIVER

Uniquely, Denon AVR Receivers deliver *both* audiophile signal quality (wide dynamic range, high signal-to-noise, outstanding phase linearity, immeasurably low distortion) *and* accurate low level steering, precise digital delay and rear channel fidelity. Plus, sophisticated signal processing enables you to tailor the sound to your listening room as well as create new listening environments.

Whether you choose Denon's most sophisticated or least expensive AV Receiver, you'll not only be able to create sounds different from the original; you'll be able to *recreate* the original.

RC-159 UNIVERSAL PROGRAMMABLE AND RC-160 SIMPLIFIED AVR REMOTE CONTROLLERS

**DENON**

***The first name in digital audio.***

Denon America, Inc., 222 New Road, Parsippany, New Jersey 07054 (201) 575-7810

**Circle 3 on Reader Service Card.**

# NEW PRODUCTS

## VIDEO PICTURE STUDIO

Sony's CVP-M3 color video printer ($1,200) is significantly smaller and more portable than previous video printers. It has a titling feature that puts a message and date below the picture border and its digital effects include oval and heart-shaped cropping and the ability to put four or 16 small images on the same print. A multisequence feature prints four or 16 images in three speeds for motion analysis. (For additional information, circle 106 on the Reader Service Card.)

## ▼ SECURE CHANNELS

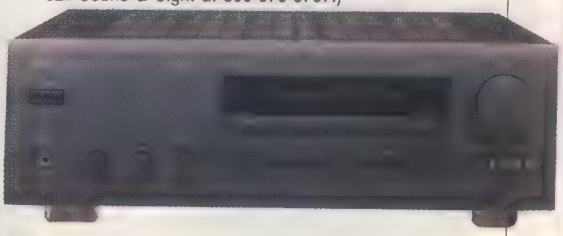
Zenith's new top-of-the-line Integrated Receiver Decoder for satellite reception is the ZS8000LE ($1,199). A new feature called Quick Sat makes it easier to program in new satellites, while a Move Channel feature helps you with programs that move from one channel to another. Up to 100 favorite channels can be programmed for both video and satellite radio. (For additional information, circle 110 on the Reader Service Card.)

## COME TOGETHER

The Remote Tree is a Lazy Susan for up to six remote controls. It's less than six inches in diameter and priced at $19.95. (For additional information, call Sound & Sight at 800-678-8757.)

## ▶ THE BIG PICTURE

Mitsubishi's CS-35201 35-inch TV ($1,799) has a black matrix picture tube and one rear S-video input. Audio features include MTS and stereo speakers. The remote also controls a Mitsubishi VCR. (For additional information, circle 108 on the Reader Service Card.)



## ▲ DSP GALORE

Yamaha's seven-channel DSP A-970 Digital Sound Field Processing amplifier has 23 different DSP modes—11 hi-fi, 11 cinema modes and Dolby Pro-Logic. The back panel accepts five audio/video sources with S-video inputs for each. It also has five audio inputs and a front-panel audio/video input. It's priced at $1,299. (For additional information, circle 109 on the Reader Service Card.)

# Now you can get perfectly steady videos at the following locations.

*From a boat.*

*From a 4x4 vehicle.*

*From the sidelines.*

*From horseback.*

*From a distance.*

*From a ski lift.*

While shooting conditions may be shaky, your videos certainly don't have to be. Not if you're recording with one of Canon's newest camcorders, the UCS5 or E700, with our revolutionary Optical Image Stabilization system.

*Without Optical Image Stabilization*.*

*With Optical Image Stabilization.*

The system, which we call Shake Absorber,™ works like no other in eliminating camcorder shake. A specially designed vari-angle prism is the reason why. The prism optically compensates for hand tremors and external vibrations to ensure that you get perfectly steady video images, especially in telephoto situations.

SHAKE ABSORBER™

*E700* *UCS5*

And consider all our camcorders come with. The Hi8 UCS5 offers a 12x optical, 24x digital zoom. A digital signal processor for sharper details and truer colors. And a five-mode programmed AE that ensures beautifully exposed pictures even under some of the toughest conditions. The 8mm E700 Illuminator comes with a built-in pop-up light for indoor or "0 Lux" shooting. A 12x zoom. And a three-mode programmed AE. Best of all, though, both camcorders are fully automatic and user friendly.

*Canon's flexible vari-angle prism virtually eliminates shaking.*

So check out the UCS5 and the E700. You'll realize how good they are in just two shakes.

Canon

*Simulated Demonstration. ©1993 Canon, U.S.A., Inc.

Circle 4 on Reader Service Card.

HANDS-ON TEST

BY STEWART WOLPIN

# *Pioneer's multiformat LaserActive system*

The pitch is too all-purpose for comfort, as if it were the Swiss Army knife of home electronics. But it's not, it's Pioneer's new LaserActive system, which, with all the appropriate "control pac" plug-in modules, will play—take a deep breath—laserdiscs, audio CDs, eight and 12-inch karaoke disks, CD-Video, Sega Genesis cartridges, Sega CDs, Mega Laserdiscs, NEC Turbo Grafx DuoSoft CDs, TurboChips, LD-ROM²s, and CD+G. It slices, it dices, it can core an apple, as Ralph Kramden once said of an all-purpose kitchen tool. In this case, Pioneer has created a TV-based multimedia platform using the only medium that makes sense—the laserdisc. LaserActive could be the once and future winner of the multimedia format wars.

At least that's the theory. On the surface, LaserActive sounds like a cool idea from a company we really like. Pioneer single-handedly propelled the laserdisc to the forefront of video formats and consistently makes projection TV sets that most others are compared to. With LaserActive, Pioneer has created a single player that accommodates most optical-based software and videogame formats, and eliminates all those Rube Goldberg connections to the TV.

But for every "gee whiz" on the technical side of LaserActive, there's a corresponding, "yeah, but" on the execution side.

The main LaserActive component is the CLD-A100, a Pioneer combi player that performs as well as any mid-level Pioneer player, which is generally good. Because it is a "multimedia" player, it is equipped with a "digital memory" mode that softens the picture noticeably when activated, but allows digital freeze (from the front panel only) and rudimentary slow and fast motion.

Incorporated into the CLD-A100 is a rectangular port, into which a user plugs one of three "control pacs"—the S10 for Sega-compatible software, the N10 for Turbo Grafx games, and the K1 for karaoke. Each module comes with the appropriate game controller, except the K1, which has dual mic inputs and other familiar karaoke level, pitch and echo controls on its front panel. Each control pack plays all the appropriate software as advertised.

But there's a high cost for this convenience. The CLD-A100 is priced at $970. An entry-level laserdisc player for $970? The LaserActive Sega control pac retails for $600. By way of comparison, the Toys 'R Us outlet in Paramus, New Jersey, is selling the basic Sega system for $129, and the CD add-on for $250—that's $370 for the complete Genesis setup. Toys 'R Us is selling the single-unit TurboGrafx system for $299. Pioneer's NEC control pack is priced at $600.

The karaoke pack, which amazingly doesn't include a microphone, is an additional $350, making the cost of an entry level karaoke laserdisc player $1,250, or $300 more than most vanilla karaoke laser players now available. The retail tab for a full LaserActive system amounts to $2,520. If you bought all the original equipment separately, you would have plenty left over for a quality video switcher that would duplicate the convenience provided by the CLD-A100.

In the U.S., laserdisc players are often hooked up to big-screen TV sets, 31 inches at least, or projection sets. Normally, you'd sit no closer than eight feet from a big-screen TV. But the Sega remote cord is barely six feet long, the NEC just four. Have you ever tried to watch a 45-inch projection set sitting four feet away, much less play an explosion-filled videogame? Talk about Excedrin headaches. Plus—a multiformat videogame system without a Nintendo option? This is not a minor omission for game buffs.

*continued on page 50*

**Covering the Bases:** Pioneer's LaserActive system includes the CLD-A100 combi player (top), which plays laserdiscs and CDs, plus separate control packs for running TurboGrafx discs and game cards (above), Sega Genesis CDs and cartridges (above right) and laser karaoke discs. A selection of software comes with each control pack, which is sold separately from the combi player.

**Imagine** if you could turn your computer into a librarian, an artist, a teacher, a research assistant, a historian, a marketing expert and an entertainer.

# You have

**The power to teach.** *With CDs, learning becomes more than looking at words and pictures. Interactive programs like the Discis Books series use movies, music, animation and sound to stimulate children with new discoveries. The continual interplay makes reading, math and other subjects fun and involving.*

**The power to work better.** *A CD-ROM drive gives businesses extraordinary new capabilities. You can easily add music, graphics and video to presentations. Create interactive training programs. Or consolidate important information on one disc and have it copied — an inexpensive way to store and distribute information.*

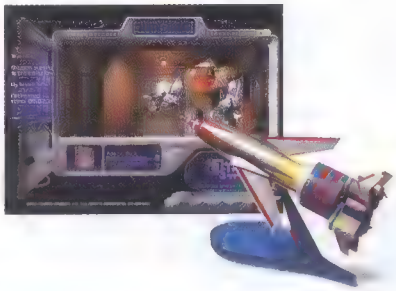
**The power of speed.** *The AppleCD™ 300 disc drive represents a new generation of CD-ROM technology. This double-speed drive plays video clips and retrieves information much faster than first-generation CD-ROM drives. Yet the external drive for Macintosh, shown here, costs only $429.* And an internal drive, the AppleCD 300i, is available for IBM-compatible PCs running Windows.*

**The power of knowledge.** *A single CD holds more than 500 floppy disks can, making possible inexpensive reference tools that just weren't practical before: interactive encyclopedias; vast libraries of information for business, medicine and more; magazines and newspapers; even the business yellow pages for the United States and Canada.*

You already know that a personal computer is an extraordinarily powerful tool for working with documents, spreadsheets and vast quantities of information. What you may not realize is that these capabilities represent only a fraction of the things a computer can do. It can also give you the power to work with sound, video, photographs, animation and other kinds of digital

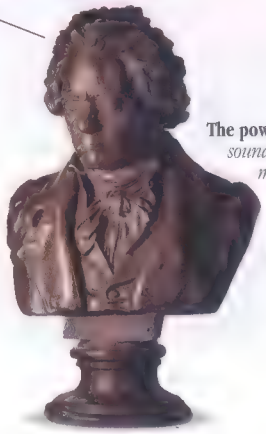
# the power.

**The power to have fun.** *CD-ROM discs make learning more entertaining, so imagine what they can do for entertainment.* Battle Chess, *for example, turns the staid board game into a whimsical animated battle. And games like* The Journeyman Project *combine sophisticated story lines with spectacular sound, animation and video.*



**The power to design.** *CDs are an incredibly rich resource for graphics—thousands of pieces of clip art fit on one disc. You'll also find huge libraries of photographs, type fonts, sound effects, music and video clips. Even something as simple as a professionally designed background can give your work a crisp, professional look.*

**The power to explore.** *Nature. History. Art. Sports. Travel. From the* Great Cities of the World *to the* Think & Talk *language series from Berlitz, there are hundreds of subjects you can explore and new skills you can learn. And with interactive CD-ROM discs, you can learn at your own pace.*



**The power of sound.** *A CD-ROM drive brings CD-quality sound to your computer. You can make your own music with* Rock, Rap 'N Roll *from Macworld CD Ventures, or enjoy the performance, commentary and interactive tour of Voyager's* Beethoven: Symphony No. 9. *You can even play your own music CDs while you work.*

information as easily as you work with words and numbers. You probably don't even need to buy a new computer. All you need to do is add a CD-ROM drive to the computer you already have. It's easy to do. It's inexpensive. And it can add an entirely new dimension to the way you work, learn and even have fun. So read on, and find out just how much more your computer can do.

# You have t

*Great Cities of the World*

*Business Yellow Pages*

*Just Grandma & Me* storybook

*Baseball's Greatest Hits*

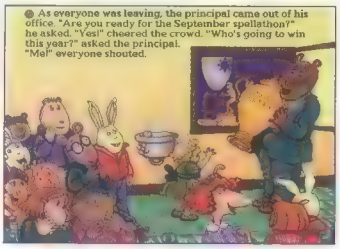
*Roger Ebert's Home Movie Companion*

*New Grolier Multimedia Encyclopedia*

*Spaceship Warlock* sci-fi game

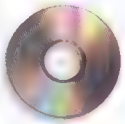
*Mayo Clinic Family Health Book*

*Exotic Japan*

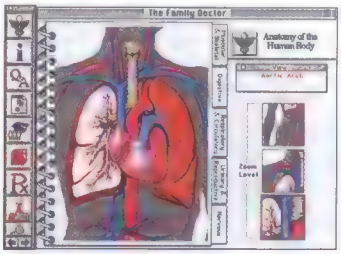


*Learning is fun with educational CDs like* Arthur's Teacher Trouble, *which let young readers control the story.*

*The Outdoor Athlete* training CD


*Rock, Rap 'N Roll* music machine (Macworld CD Ventures)

*U.S. Presidents*

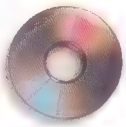


*CDs offer unparalleled new resources.* The Family Doctor, *for instance, is a richly illustrated, interactive health manual.*

*Dialog Daily Newspapers* on CD

*Adobe Font Folio*

*Mastering Math*


*Scary Poems for Rotten Kids*

*All About Science*

*Business Backgrounds* clip art/sound

*Who Built America?* documentary

*Computer Select* buyer's guide

*History of the World*

*The Business Week 1000*

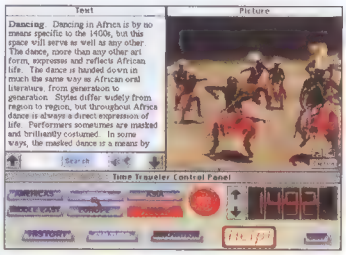
*800 College Boards* preparation

*World Atlas*

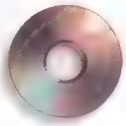
*Shakespeare* complete works

*Macworld Interactive*

*The Greatest Children's Stories Ever Told*



*CDs allow you to skip immediately to what interests you the most. Just set the clock in the* Time Traveler CD *and go.*


*Developing Writing Skills*

*Peter Gabriel: Explora* (Brilliant Media)

*Marketplace* direct marketing system

*Impressionism: Coutes Art Review*

*Greg LeMond's Bicycle Adventure*

*The View from Earth* space study

*Ocean Life*

*Adobe Type on Call*

*Battle Chess*

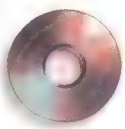
*Conception to Birth* pregnancy guide

*Let's Visit South America*

*Career Opportunities*

*AccuZip6* business mail manager

*Sound Library 2000* (Wayzata)


*Monarch Notes* on CD-ROM

*Dinosaurs! Multimedia Encyclopedia*

*Clinton: Portrait of Victory*

The most exciting software available today is only on CD-ROM discs. That's because CDs can hold an incredible amount of audio-visual information, making possible software that would be too impractical or too expensive with floppy disks, or even with a hard drive. Right now there are thousands of titles for Macintosh® and PCs running Windows. They cover virtually every conceivable

# he choices.

*Guinness Multimedia Disc of Records*

*KGB/CIA World Factbook*

*Rodney's Wonder Window*

*The Complete Audubon*

*Isaac Asimov's The Ultimate Robot*

*Berlitz Think & Talk French*

*National Register of Historic Places*

*Twelve Roads to Gettysburg*

*Desert Storm* (Time)

*NihongoWare* Japanese course

*The Best of Mark Twain*

*Entertainment becomes far more involving with audiovisual games. In* Who Killed Sam Rupert?, *you're the detective.*

*Poetry in Motion*

*Countries of the World Encyclopedia*

*Terrorist Group Profiles*

*DiVA VideoShop & The Image Bank CD*

*Stravinsky: The Rite of Spring* (Voyager)

*North American Indians*

*Sports Illustrated Almanac*

*Lunicus* 3-D moonbase survival game

*Ephemeral Films* documentaries

*History of the Blues* (Queue)

*Learn to Speak Spanish*

*How Computers Work*

*Lilia's Kitchen: Exotic Vegetables*

*The Adventures of Pinocchio*

*Dictionary of the Living World*

*USA Wars: World War II*

*The Great Buildings Collection*

*Experience the sights and sounds of the world.* From Alice to Ocean *follows one woman's amazing trek across the Australian outback.*

*Talking Jungle Safari*

*Sherlock Holmes, Consulting Detective* game

*A Silly Noisy House* audio toy box

*CDs combine media in entirely new ways.* The Animals! *lets you control film clips, photos, text and sound with friendly screen icons.*

*The Magic Flute* (Warner New Media)

*Funny* (joke-tellers on film)

*Great Wonders of the World*

*The Orchestra* (Warner New Media)

*Aesop's Fables*

*America Alive GUIDisc* travel guide

*LifeSaver2: First Aid Course*

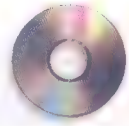
*Curious George Learns the Alphabet*

*InPrint Art Library*

*20,000 Leagues Under the Sea*

*Digital Video Library*

*Indiana Jones* adventure game


*Charles Alex's Cooking Tutor*

topic and interest, from business directories to cooking lessons, from nature programs to a street-by-street atlas of the United States. Only a fraction of the available CDs are shown here. New releases come out every week, and there are hundreds of titles in development. So if you don't have a CD-ROM drive in your computer, you're not just missing the fun. You're missing the future.

# All you need

**For PowerBook owners.**
*The single-speed, multi-session Apple® PowerCD player is the ultimate in portability. The PowerCD easily connects to Apple PowerBook™ computers, any other Macintosh or even a TV.*

**For Windows owners.**
*With the CD Multimedia Kit for PCs, you can get going right away. And it exceeds Multimedia PC Level 2 specifications. It includes:*

*The AppleCD 300i. Our internal disc drive fits neatly inside a PC. You also get a sound card, software and cables—everything you'll need for full multimedia capabilities.*

*AppleDesign Powered Speakers. For crisp, CD-quality sound.*

*A free CD package.* Compton's Encyclopedia *on CD, the* Multimedia Starter CD *and up to three more CDs, which you can select from over 20 of the top titles for Windows listed in our special brochure.*

**For Macintosh owners.**
*The AppleCD Multimedia Kit gets you off to a great start. It includes:*

*The AppleCD 300 disc drive. Just plug in this external drive, and you're ready to go.*

*AppleDesign™ Powered Speakers. For true CD-quality sound.*

*A free CD package.* Compton's Encyclopedia *on CD, the* Multimedia Starter CD *and up to three other CDs—you choose from over 20 best-selling Macintosh titles listed in our special brochure.*

*Trial software. Our free Software Dispatch CD™ lets you try out 70 different programs. You can purchase any of them over the phone—a code unlocks the program for immediate use.*

**The deals.** If you have a Macintosh,® or a PC running Windows software, you can take advantage of great deals on premium multimedia bundles. Each of these bundles is valued at over $1500,* yet the AppleCD™ Multimedia Kit for Macintosh is only $659* and the CD Multimedia Kit for PCs is just $709.* To get your kit, or the portable PowerCD, call today.

# is the drive.

**To get your AppleCD 300, call 800-732-5151, ext. 100.**

**The drive.** Recently, the AppleCD 300 disc drive was named *Macworld*'s Editor's Choice for Overall Value. Why? This double-speed drive is significantly faster than many other CD-ROM drives available today, yet it's still quite affordably priced. At $429,* the AppleCD 300 is a great deal. And to get it, all you have to do is call the phone number above.

*All prices are Manufacturer's Suggested Retail Prices as of 8/1/94. Reseller prices may vary

# If there's a computer in your future, make sure there's a future in your computer.

**Integrated Apple CD-ROM.** From this point on, a computer without a CD-ROM drive won't allow you to take advantage of the best computing has to offer. So if you're thinking about a new computer, consider one of the many Macintosh® models with the AppleCD™ 300i already built in. That's the easiest way to start exploring the vast array of CD titles available for Macintosh, and the many more to come. Call 800-732-5151, ext. 100, to locate an authorized Apple reseller, and stop in for a demonstration. With a CD-ROM drive inside it, you'll find that a new Macintosh delivers the most impactful kind of power. The power to be your best.® Apple

*All prices are Manufacturer's Suggested Retail Prices as of 8/1/93. Reseller prices may vary. ©1993 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, Macintosh and "The power to be your best" are registered trademarks of Apple Computer, Inc. AppleCD, AppleDesign, PowerBook and software Dispatch CD are trademarks of Apple Computer, Inc. PowerCD is a trademark of ZCI, Inc., Dallas, Texas. Third-party product mention is for informational purposes only and does not constitute an endorsement. This ad was created using Macintosh personal computers. U0533LLA

HOME THEATER

BY DAWN GORDON

# *Protecting your system from dips and spikes*

Most videophiles spend a great deal of time designing their home theater systems. Whether it's a budget system or a five-figure installation, they pay careful attention to the smallest detail, even down to the cabinet finish and the color-coding of wires. But they often neglect a very important safeguard—a surge suppressor—that can improve the performance of their systems while protecting it from damage.

Mother nature is a powerful force. Lightning can produce enough energy to saute every transistor in every electronic component in your home (not to mention scramble your brain if you're wearing headphones). And other electrical nightmares, like brownouts and interference, lurk just waiting to strike.

When it comes to power, there are three basic problems you might encounter: undervoltages, overvoltages and noise. Undervoltages fall below the consistent 120 volts normally supplied by your utility company. In these cases, either a brownout (dimming of lights) or a full blackout will occur. Folks who work with computers often purchase an uninterruptible power supply (UPS) to keep their PCs up and running long enough to shut down their applications properly. Videophiles can use a UPS to prevent their VCR timers from "blacking-out" during a prolonged power loss, and thus ensure that their favorite TV shows are taped in their absence.

Overvoltages—often referred to as surges or spikes—are the most dangerous of all power anomalies. They occur when more than the expected voltage comes through your power line, roof antenna or cable. Lightning, obviously, can cause power surges, and they can also come down the AC line from the utility company. They can even be thrown off by other electrical components in your house, including automatic garage openers, power tools, refrigerators and fluorescent lights. Fortunately, most overvoltages are short-lived, lasting from a few nanoseconds to a few milliseconds in length. But don't let this fool you—a surge or spike can produce over 6,500 volts, enough to grill your projection TV like shrimp on the barbie.

The reason surges cause so much damage is that the power speeds through circuit boards faster than it can be dissipated. This is where a surge suppressor comes in. Its job is to absorb or reroute the excess electrical energy that would otherwise turn your THX decoder into toast.

Noise is another common power anomaly. It consists of radio frequency interference (RFI) and electromagnetic interference (EMI).

**Power Partners:** Recoton's C1960 surge suppressor (top) includes coax protection, while Panamax suppressors like the Max 1000 (left), which also serves as a line conditioner, and the TowerMax CT (right) include a warranty that covers connected equipment.

RFI can be caused by local radio stations, microwave ovens, cellular phones and other sources. This type of interference can cause audio buzzing and video distortion in the form of horizontal or diagonal lines and static. EMI is often caused by a close electromagnetic field. EMI culprits include anything with an electric motor, such as a washing machine or a blender. EMI produces similar effects to those delivered by RFI. Fortunately, many surge suppressors include line conditioners that minimize or eliminate RFI and EMI noise.

Surge suppressors work in four different ways: by using metal-oxide varistors (MOVs), gas tubes, special reactive circuits and silicon avalanche diodes. The most popular is the MOV. MOVs are inexpensive to produce and easy to use, as their energy-handling capabilities can be escalated by increasing their size, and using multiple MOVs in a single box. The downside is that repeated surges degrade MOVs. However, the deterioration is really very small, and under normal conditions, the devices should last for decades.

Gas tube systems are filled with special gases that arc over at certain voltages. The internal arc shorts out the surge. The only problem is that a gas tube won't stop a surge until the voltage reaches two to four times the tube's actual rating.

Silicon avalanche diodes switch on during surges and act as conductors to remove extra voltage. These devices act very quickly, but do not have high power-handling capability. Many of the better surge suppressors use these technologies together in different stages to accomplish the difficult task of stopping a surge before it damages expensive components.

No matter how well a surge suppressor is constructed, if it doesn't protect the coax line entering your TV or VCR, you may be headed for trouble. After all, if lightning strikes your cable, antenna or satellite dish, it can do just as much damage as if it had struck a nearby power line. A few companies, notably Panamax, offer surge suppressors with RF inputs and outputs. Feed your cable or antenna into one of these, then out to your VCR and TV, and your video components should be thoroughly protected from any conceivable surge source. Panamax even offers suppressors with special grounding for satellite TV.

Surge suppressor prices vary a great

*continued on page 120*

BY JAMES CARUSO AND MAVIS E. ARTHUR

# *Dews and don'ts for shooting in the tropics*

Leaving a chilly Los Angeles recently, we made our way by air to Papette, where we embarked on a tour of the South Pacific islands made famous by Paul Gauguin's paintings. With two Hi8 camcorders, a Canon L1 and an RCA Pro880, we thought we were ready not only for the adventure, but the challenge of bringing it back. It turned out we were ill-prepared for the problems of recording in such exotic locations and, ironically, the comfort of our ship only added to our difficulty.

The ship was the Wind Song, a unique hybrid combining the motorized power of a cruise ship with the sails of a yacht. It was to take us on a seven-day tour of Huahine, Moorea, Raiatee, Bora Bora and other islands of French Polynesia.

Like most people, we shoot most of our videos near home. We just load a tape, start shooting, and everything works as it should. This is what happened in the bustling port of Papette, as we waited to board the Wind Song. The clear blue water of the sea and the rugged mountains behind us were fair game for our lenses. When we boarded, we directed our interest to the ship itself, grabbing shots of our trek up the gangway and the greetings of Wind Song officers.

Afloat in the air-conditioned luxury of the ship's lounge, we were in heaven. Or so we thought. It was then, as we were shooting the interior, that disaster struck. The L1 started flashing Eject, Eject, Eject. We pushed the eject button, but nothing happened. We turned it off and continued with the Pro880. Within minutes, disaster struck again. The Pro880's battery warning light started to flash. We assumed the batteries just needed recharging. As a precaution, we left both sets of batteries to recharge in our cabin while we explored the ship.

Three hours later, we installed the freshly charged batteries and tested both machines. They seemed to be working perfectly. We went up on deck to record the ship's departure. The crew had barely released the mooring lines when both camcorders froze. It was then we realized what the problem really was: The vast difference in climate between the ship's air-conditioned cabins, and the hot, torpid South Pacific weather was impairing the recording mechanisms of both camcorders.

We knew the significance of dew warnings—there's a paragraph covering moisture problems in every camcorder instruction manual—but we'd never before encountered the problem and, in any case, with the viewfinders inoperative, so were the onscreen alerts. Looking around the deck of the ship, we discovered we weren't alone. About 60 other passengers had brought camcorders (most were Hi8, several were VHS-C, and one was VHS). Almost everyone was having a problem.

We soon gathered on the foredeck in an impromptu camcorder clinic. The only guests not having shooting difficulties hadn't taken their camcorders inside. While this made the source of the problem obvious, it didn't offer a solution, since there was no place to stow the camcorders safely outside. We had to find another way to cope with the moisture being created by the climactic difference between the cabins and the outdoor air.

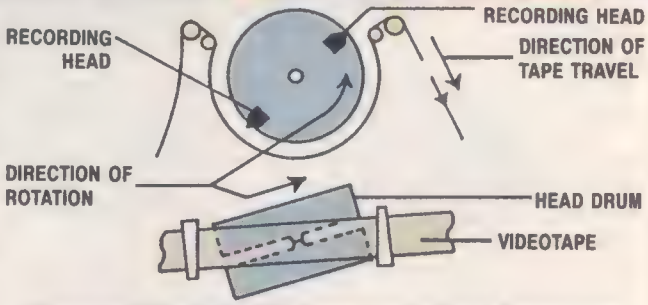
You can see the same effect at home by looking at a chilled soft drink can when it's exposed to room temperature. Moisture quickly beads on the outside of the aluminum can. Aluminum, which happens to be a great temperature conductor, is also used to make the rotating drum on which camcorder recording heads are mounted. When condensation forms on the head drum, video recording stops.

To solve the problem aboard the Wind Song, we started by considering the recording process itself. When a videocassette is loaded, the VCR part of the camcorder lifts the cassette door and pulls the tape out of the cassette from the supply reel, threading it by two guide rods, one on each side of the cassette. The guides contact the back or nonrecording side of the tape, and push the tape toward the recording head drum, stopping when the tape covers between half and three-quarters of the drum's diameter. The videotape touches the heads, but is held above the surface of the drum by an extremely thin cushion of air, less than one micron deep.

The recording head drum spins at 30 revolutions per second. When the camcorder is recording, the recording heads are activated by a minute amount of electricity that traces onto the videotape the electronic picture information, the audio, and control information. Each sixtieth-of-a-second half revolution corresponds to one field of video. When both fields are interlaced during playback, they make one frame of NTSC video that plays at 30 frames per second.

When condensation forms between the recording head drum and the videotape, the tape tends to stick to the drum. Since the drum is rotating faster than the longitudinal velocity of the tape, the build-up of moisture can cause several problems, including severe dropouts, a waterfall effect in which rippling lines distort the image, and even ripped

*continued on page 122*




**Waterlogged:** Video print of Wind Song skipper Dag Seebik (top) shows the rippling lines of the waterfall effect, one of the problems caused by moisture between the head drum and the videotape, which passes across the rotating heads. With too much moisture, the mechanism shuts down.

JAMES CARUSO

Imagine being able to assemble your home videos the same way you put together your photo album... keep your best shots, get rid of the ones you don't like and arrange them in any order. Now you can with JVC's GR-AX75U "Video Album Maker" compact VHS camcorder.

VIDEO ALBUM MAKER

This brilliant new camcorder not only produces the highest quality images with its selection of advanced features*; it lets you select which shots you want to keep and the order in which you want to keep them!

Lots of camcorder makers tell you how good they can make your videos before you shoot; JVC lets you make better videos even after you shoot. That's because we invented VHS.

# Make your own video albums.

*Besides its "Video Album Maker" (Random Assemble Edit) function, the GR-AX75U features a 20-to-1 digital zoom; Image Stabilization for ultra-stable videos and 8 Program Auto Exposure modes to ensure the best picture quality under all types of shooting conditions.

See your participating JVC dealer for details. Offer effective 9/1/93 through 12/31/93.

JVC is the Official Camcorder of the World Cup USA 1994

JVC
The Inventor of VHS.

Q&A

BY RODERICK WOODCOCK

# Head cleaners and movie sound

**Q** When I clean the heads on my Hi8 camcorder, does it make any difference if I use a cleaning tape marked for 8mm or Hi8? My dealer told me that only Hi8 cleaning tapes should be used for that format, and that standard 8mm cleaning tapes aren't good enough. What's the story?

Victoria Carter
Dallas, Texas

**A** Since I have samples of both 8mm and Hi8 cleaning tapes, I put your question to the test. I loaded up a troublesome tape from a few years ago that I had shelved as a known head-clogger, and ran it through my CCD-TR81 Hi8 camcorder. Within a few minutes, I had a head clog. Both head cleaners managed to clean the heads quickly and efficiently.

Fortunately, 8mm videotape quality has improved considerably from the days when I bought this tape back in 1985, and the need to clean heads is diminished. Still, it's a good idea to keep a dry head cleaner around to take care of emergencies like head clogs. If you don't have one already, then buy one. It will most likely be marked for Hi8 use, although it can be used with either format. Think of it as a fire extinguisher—don't use it until you have to.

As for the wet-type 8mm head cleaners, I don't like 'em and I don't use 'em. The tape transports in 8 mm camcorders are far too delicate for wet cleaners and the fibrous, over-absorbent tape they require. Most hardware manufacturers recommend against using them, and they make the same recommendation for DAT audio recorders, which are equally delicate. Stay with the dry head cleaners.

**Q** I'm confused. I see videotapes with logos for Dolby Surround, Dolby Stereo, Ultra Stereo and other kinds of sound, and A/V receivers labeled Dolby Surround and Dolby Pro-Logic. Which of these kinds of movie sound work with which types of receiver?

Walter Davis
Bismarck, North Dakota

**A** The trade names used for surround sound hardware and software are indeed confusing. However, all of the types of movie sound you named are compatible with both types of A/V receiver you named.

Any tape, laserdisc or theatrical release with the Dolby Surround or Dolby Stereo logo uses Dolby's four-two-four matrix system to encode four channels of sound on two audio tracks. There's really no difference between the two, other than that the Dolby Stereo tag is usually used for films, and the Dolby Surround name is most often used for home video. But the two do get mixed up in ads and on packaging.

Ultra Stereo is one of the matrix systems that compete with Dolby; it accomplishes approximately the same thing, and it works just fine with Dolby surround decoders. Same goes for CBS Stereo Surround, which you'll hear in many programs on that network.

By contrast, when you're talking A/V receivers, there's a big difference between Dolby Surround and Dolby Pro-Logic. Both work with any type of stereo software with surround encoding. Dolby Surround is a three-channel system—left front, right front and surround. Separation between the surround and front channels is rather limited, so dialog sometimes leaks from the front channels into the surrounds, which can be distracting.

Dolby Pro-Logic is a four-channel system—left front, center front, right front and surround. Channel separation is much better than with Dolby Surround, so dialog doesn't leak into the surround speakers. The center channel keeps the dialog tied to the screen, which is important for viewers who are off-center. Pro-Logic receivers usually cost only about $50 more than comparable Dolby Surround receivers, and they're well worth the extra money.

THX surround decoders work the same way as Pro-Logic decoders, with a few enhancements. The most important of these is decorrelation, a slight pitch change in one surround channel. ■

*Video Magazine welcomes your questions. Please include a phone number, but not a return envelope as the volume of mail does not permit replies. All letters may be edited for clarity and space. Address queries to Q&A, Video Magazine, 460 West 34 Street, New York, NY 10001.*




Definitive Technology®
Authorized Dealers

AK- Hoitt's: Fairbanks• Pyramid: Anchorage.
AL- In Concert: Huntsville• Likis Audio:Birmingham
AR- Leisure Electronics: Little Rock.
AZ- Jerry's Audio Video: Phoenix, Tucson.
CA- Audio Concepts: Long Beach, San Gabriel• Coast Satellite TV: Atascadero• Creative Stereo: Santa Barbara, Ventura• David Rutledge Audio: Palm Springs• Henry Radio: L.A.• Pacific Coast A/V: Corona del Mar• Paradyme: Sacramento• Performance Audio: San Francisco• Sound Co.: Escondido, San Diego• Sound Goods: Campbell, Mtn. View• Systems Design: Redondo Beach• Wilson A/V: Woodland Hills.
CO- Listen Up: Denver, Boulder, Colorado Springs.
CT- Al Franklin's: Hartford• Carston's A/V: Danbury• Robert's Music: New London• Sound Playground: Newington, Orange, Norwich.
DC Suburbs- Audio Associates.
DE - Sound Studio: Dover, Newark, Wilmington.
FL- Absolute Sound: Winter Park• Audio Ctr.: Ft. Lauderdale• Audio Video: Tallahasee• Audio Video Interiors: Melbourne• Invisible Audio: Pensacola• Hoyt Stereo: Jacksonville• Sensuous Sd.: Tampa• Sound Components: Coral Gables• Sound Ideas: Gainesville• Sound Insight: Ft. Pierce• Stereotypes: Daytona• Stereo World: Ft. Myers, Naples• Stuart A/V: Stuart.
GA- Stereo Shop: Martinez• Stereo Video Systems: Marietta.
HI- Maui Audio Center: Kahului• Classic Audio: Honolulu.
IA- Audio Logic: Des Moines• Camera Corner: Davenport• Custom A/V: Cedar Rapids• Hawkeye: Iowa City, Cedar Falls.
ID- Good Ear - Boise.
IL- United Audio Centers: Chicago & Suburbs• Cars & Stereos: Rockford• Jon's Home Center: Quincy• Stereo Studio: Palatine• Select Sound: Naperville• Sterling Elect.: Sterling.
IN- Ovation Audio: Clarksville, Indianapolis.
KS- Accent Sound: Overland Park• Advance Audio: Wichita• Audio Junction: Junction City.
KY- Ovation Audio: Lexington, Louisville.
LA- Alterman Audio: New Orleans, Metairie.
MA- Goodwins Audio: Boston, Shrewsbury• Nantucket Sound: Hyannis.
MD- Audio Assoc.: Annapolis, Laurel, Rockville• Cumberland Elec.: Cumberland• Gramophone: Balt., Ellicott City• Soundscape: Balt.• Sound Studio: Salisbury.
ME- Cookin' : Portland.
MI- Pecar's: Detroit, Troy• Classical Jazz: Holland• Front Row A/V: Flint• Future Sound: Ypsilanti• Court St. Listening Room: Midland, Saginaw.
MN- Audio Designs: Winona• Audio Perfection: Minneapolis.
MO- Independence A/V: Independence• Sd. Central: St Louis.
NC- Audio Video Systems: Charlotte• Stereo Sound: Durham, Greensboro, Raleigh, Winston Saleme Tri City Elect. Conover.
ND- Precision Audio: Grand Forks.
NE- Custom Electronics: Omaha, Lincoln.
NH- Cookin': Nashua, Manchester, Newington, Salem, S. Nashua.
NJ- Sound Waves: Northfield• Sassafras: Cherry Hill• Woodbridge Stereo: W. Caldwell, W. Longbranch, Woodbridge.
NM- West Coast Sound: Albuquerque, Santa Fe.
NV- Upper Ear: Las Vegas.
NY- Audio Breakthroughs: Manhasset• Audio Den: Lake Grove• Audio Expressions: Newburgh• Chemung Elect.: Corning, Elmira• Clark Music: Albany, Syracuse• Stereo Exchange: Manhattan, Nanuet• Hart Elect.: Vestal• Innovative Audio: Brooklyn• Listening Room: Scarsdale• Rowe Camera: Rochester• Sound Mill: Mt. Kisco, Yorktown Hts.• Speaker Shop: Amherst, Buffalo.
OK- K Labs Premium Audio: Tulsa.
OH- Audio Craft: Akron, Cleveland, Mayfield Hts., Westlake• Audio Etc.: Dayton• Hart Audio: Lima• Speaker Shop: N. Lima.
OR- Bradford's HiFi: Eugene• Chelsea A/V: Portland, Beaverton• Kelly's Home Ctr.: Salem• Smart Homes: Bend.
PA- GNT Stereo: Lancaster• Hart Electronics: Blakely, Kingston• Listening Post: Pittsburgh & suburbs• Sassafras: Bryn Mawr, Montgomeryville, Whitehall• Stereoland: Natrona Heights• Studio One: Erie.
RI- Eastern Audio: North Providence.
SC- Dashboard: Charleston• Upstairs Audio: Columbia.
TN- Hi Fi Buys: Nashville• Lindsey Ward: Knoxville• Modern Music: Memphis• New Wave Elect.: Jackson• Sound Room: Johnson City.
TX- Audio Tech: Temple, Waco• Audio Video: College Station• Brock A/V: Beaumont• Bunkley's Sd. Systems: Abilene• Bjorn's: San Antonio• Don's Hi Fi: Amarillo• High Fidelity: Lubbock• Home Entertainment: Dallas, Houston• Marvin Electronics: Ft. Worth• Music by Design: Austin• Sound Towne: Texarkana.
UT- AudioWorks: Salt Lake City• Stokes Bros.: Logan.
VA- Audio Associates: Arlington, Fairfax• Audiotronics: Roanoke• Digital Sd.: Va. Bch.• Stereotypes: Charlottesville.
VT- Audio Video Authority: S. Burlington.
WA- Audio Waves: Everett• Definitive Audio: Bellevue, Seattle• DESCO Electronics: Olympia• Evergreen Audio: Silverdale• Pacific Sight & Sound: Wenatchee• Sound Mart: Spokane• Tin Ear: Kennewick.
W.VA- Sound Post: Princeton.
WI- Absolute Sound & Vision: Sheboygan• Audio Emporium: Milwaukee.
Puerto Rico- Precision Audio: Rio Piedras.
Canada- Advance Electronics: Winnipeg• Audio Ark: Edmonton• Audio Ctr.: Montreal, Ottawa, Quebec City• Bay Bloor: Toronto• CORA: Quebec City• Digital Dynamics: Clearbrook B.C.• Great West Audio: London• Peak Audio: Halifax• Sound Advice: Calgary• Sound Hounds: Victoria B.C.• Sound Room: Vancouver• Sound Station: Courtenay B.C.
Mexico- Contact Grupo Volumen: Mexico City

Definitive Technology®

# "Bipolar Systems are as Close as We've Come to Finding the Holy Grail of Home Theater."

– *Video Magazine*

## *Experience the Miracle of Bipolar Technology with Definitive's Revolutionary BP8, 10 & 20!*

**"Truly Outstanding"**
*— Stereo Review*

Experts agree that Definitive's revolutionary bipolar BP8, BP10 and BP20 are three of the world's finest speakers and are sonically superior to any conventional speaker regardless of cost.

These American-made, advanced technology bipolar (front and rear radiating) systems combine lush spacious soundstaging, lifelike depth-of-field, razor-sharp resolution and pinpoint 3-D imaging with powerful subwoofer-like bass (to below 20 Hz), high efficiency, wide dynamic range and easy-to-position convenience. The dramatic result is superb music and movie reproduction so real that it has been called, "a sonic miracle!"

Circle 134 on Reader Service Card.

**The Ultimate Home Theater**
Combine the BP8s, 10s, or 20s with our C/L/R 1000 or C1 center channel and BP2 bipolar surround speakers for the ultimate in home theater sound.

Visit your nearest Definitive dealer and experience the absolute sonic superiority of these truly extraordinary ViVA Gold Product-of-the-Year, Audio Video Grand Prix and CES Design & Engineering Award winning loudspeakers.

**Definitive's remarkable new PowerField™ 1500 250-watt powered 15" subwoofer is now available ($995).**

*Definitive Technology®*
11105 Valley Heights Drive • Baltimore, MD 21117
(410) 363-7148

# VIDEOTESTS

VIDEOTEST 709

## SONY 8mm camcorder

The CCD-SC5 Handycam Snap is the simplest camcorder available. Unike a traditional camcorder, it stands upright and has a handgrip on the right side, like old Kodak still cameras. It's crowning glory is a three-inch color LCD screen that nestles on the back. The screen can be used either as a viewfinder or as a playback monitor.

Although the Snap doesn't look like Sharp's successful ViewCams, it resembles them in the way it uses an LCD monitor as a viewfinder, allowing the camcorder to be held comfortably away from a user's face during a shoot. Unlike the ViewCams, the Snap also has an optical viewfinder for conventional shooting. Use of the LCD screen as a viewfinder is a convenience, not a necessity.

In fact, convenience can be said to be the Snap's theme. The lens, which lacks a zoom, consists of a wide-angle setting and a 3x telephoto setting. A convenient switch lets you toggle between the two modes, although you'll want to pause while switching since there's an audible click as well as a brief interruption in the picture. Exposure and white balance are automatic. A handy one-inch speaker and a small infrared remote control are also present.

Other useful features include auto-

**Snapshooter:** The Handycam Snap opens at the rear (far right) and has a panel with VCR and LCD controls (below) hidden under a flap on its left side.

VIDEOTEST PHOTOGRAPHS: LES MORSILLO

### Sony CCD-SC5 8mm Camcorder

**Price:** $1,200

**Weight & Size (h/w/d):** 1.4 lbs. without cassette and battery; 5-1/2 x 4-1/8 x 3-1/4 inches

**Image Sensor:** 1/4-inch CCD; 250,000 pixels (effective)

**Lens:** f/2; 3x (4 and 12 mm)

**Minimum Focusing Distance:** wide-angle—14 inches; tele—46 inches

**Autofocus:** none

**Iris:** auto only

**Shutter Speed (sec.):** normal (1/60)

**White Balance:** auto only

**Viewfinder:** optical with LEDs for camera recording/battery, and warning; 3-inch LCD with onscreen indicators for LP play, tape transport mode, counter, tape and battery remaining, date, time, brightness.

**Viewfinder Controls:** none for the optical mode, which switches automatically with lens setting; LCD screen—on/off, brightness, color, hue, position

**Microphone:** mono electret condenser

**Jacks:** mini—external mic, earphone, audio/video; submini—DC out; 20-pin—connector for power/output

**Tape Speed:** SP

**Video Heads:** 2

**Cue & Review Search:** 7x, forward; 5x, reverse

**Fast Forward/Rewind Time:** 8-1/4 min. for 120 min. tape

**Remote Control:** IR wireless with buttons for start/stop, rewind/search, fast forward/search, stop, play, pause

**Edit Protocol:** none

**Audio:** hi-fi AFM mono

**Special Features:** 3-inch LCD viewfinder, optical viewfinder, snapshot-style run/pause trigger, 3x telephoto switch, switchable beep, flying erase head

**RESULTS**

**Horizontal Resolution:** 250 lines

**S/N Ratios (dB):** unweighted video—40.7; weighted video—48.3; chroma AM—42.4; chroma PM—35.8

**Minimum Illumination:** 9.6 lux for 50 IRE

**Audio Frequency Response:** 50 Hz.-20 kHz, +0.1/-2/7 dB, -8.6 dB at 20 Hz

**Hi-Fi Dynamic Range:** 64.1 dB

**Audio Distortion:** 0.3%

**Approximate Battery Life:** 45 min. with LCD on, 80 min. with LCD off

**RATINGS**

**Picture:** average

**Audio:** average

**Ease of Use:** excellent

**Overall:** good

**HIGHLIGHTS** Sony's CCD-SC5 Handycam Snap is radically different from conventional camcorders. It looks and operates like an old photographic camera, yet it's boldly innovative and not without interesting features, most notably a three-inch color LCD monitor that doubles as a viewfinder. The lens is a no-frills affair lacking variable focus, zoom and macro functions. Picture quality and audio quality are both just average. But the Snap's attractions are its light weight and remarkable ease of use. At a suggested price of $1,200, we recommend it highly for situations in which utter simplicity is top priority.

VIDEOTEST PHOTOGRAPHS: LES MORSILLO

matic dating, date and time recording, onscreen tape and battery meters, record review, a linear time counter, a flying erase head, a beep alarm and, conveniently, a start/stop record button that can be switched to a hold-down type of trigger.

One inconvenience, at least for advanced videographers, is the fixed-focus lens. This is a no-frills apparatus by current standards, lacking variable focus, zoom and macro functions. It focuses down to 14 inches at the wide setting, and 46 inches in telephoto. As long as the minimum distances are respected, it focuses equally well in dim as well as bright light. Since the focus is fixed, the pulsing of variable autofocus systems in low light is absent.

The picture it produced showed good detail and accurate colors, but only earns an average rating as it also displayed a bit more chroma AM and PM noise than the 8mm Hitachi VM-E55A also reviewed in this issue.

Other features have also been omitted, both to simplify operation and to control cost. Functions you won't find on the Snap include frame advance, slow motion, speed play, audio and video dub, insert edit, auto rewind and LANC control. If you have a remote for another Sony 8mm camcorder or VCR, you can use it to give the Snap frame advance and slow motion. And more complete Handycam Play Stations, like those with Sony's CCD-TR300 and CCD-TR500 camcorders, can also be

*continued on page 48*

VIDEOTEST 710

# MITSUBISHI *S-VHS VCR*

Mitsubishi's HS-U69 is one of what seems a dying breed: full-featured S-VHS editing decks. It boasts almost every editing feature you can think of—audio dub, video dub, twin flying erase heads and jog/shuttle dials on the deck and the remote. It has hi-fi recording level controls, a feature available on few other consumer VCRs.

It also has an unusual edit search feature, sometimes referred to as E-E (electronic-to-electronic) editing. This lets you search through the tape from record pause mode. If you're taping a TV show, you can hit pause after a commercial begins, use edit search to back the tape up to the last frame of the show, and take the deck off pause when the show begins again. All you have to do to activate edit search is hit the fast forward or rewind button, or spin the jog/shuttle dial.

For timeshifting fans, it has VCR Plus with cable box control. Mitsubishi's implementation employs an infrared emitter mounted on top of the VCR, so you have to place the cable box atop the VCR where the emitter can communicate with it. This arrangement usually works fine, although it may not let you arrange your system the way you want. For those who prefer to place the cable box away from the VCR, Mitsubishi offers an optional wired emitter.

Once set up, the deck's VCR Plus circuitry will automatically set the correct channel on the cable box for timed recordings. All you have to do is punch in the four- to seven-digit code from *TV Guide* or your local listings.

Alternately, you can use the HS-U69's conventional onscreen programming. It offers conventional time/date/channel entry, and it also has a unique one-key program button on the front panel. Hitting this button calls up the programming screen. Punching it again scrolls through the channels. Wait four seconds without punching the button, and the cursor moves to the day. Each time you wait, the cursor moves to the next parameter.

The front panel reflects a different design philosophy than past Mitsubishi S-VHS decks, like the HS-U67, which has a door that covers the entire front panel. On the HS-U69, most controls are exposed, including the jog/shuttle dial and buttons for power, eject, record/OTR, one-key program, play, stop and pause.

A cover on the left conceals a video/stereo audio input and a headphone

*continued on page 46*

**HIGHLIGHTS** Mitsubishi's latest S-VHS deck, the HS-U69, is intended as a do-everything VCR. For timeshifters, it has VCR Plus with cable box control and a remote that controls many brands of TVs. For amateur videographers, it has loads of editing features. We rate picture quality good to very good (a little lower than expected), audio quality very good, ease of use good and overall performance good to very good. Although this $899 deck offers a tremendous number of useful editing features, spending a little more can net you noticeably superior video performance.

**Ready to Edit:** The HS-U69 has two flying erase heads, and audio and video dub.

**Simplicity First:** The VM-E55A has easy-to-use VCR controls (below) on the lower right side, near where your thumb would rest.

VIDEOTEST 711

# HITACHI *8mm camcorder*

Image stabilizers are perhaps the most appealing camcorder feature introduced over the past few years, but they've only been available on relatively expensive camcorders. Hitachi's VM-E55A is the first to buck that trend—at $999, it's the least expensive camcorder to offer an electronic image stabilizer.

There are two types of stabilizers in current use, optical and electronic. The optical type, found on some Sony, Yashica, Ricoh, Nikon and Canon models, generally offers better performance through the use of a flexible prism that bends the light to maintain a stable image. The electronic type, found on Hitachi, RCA, Panasonic, Sharp, JVC and other camcorders, uses only a portion of the picture on the sensor and moves that portion so that the image stays in the same position within the frame. Because only a portion of the sensor is used, there is a bit less detail than when the stabilizer is switched off. Also, electronic systems can suffer from mild jitter and jumpiness, anomalies dampened by optical systems.

*continued on page 44*

## HIGHLIGHTS

The Spartan chassis of Hitachi's VM-E55A hides several interesting features. For one, it's the least expensive camcorder ever offered with electronic image stabilization. It also offers special zoom and wipe fade modes, a 2x digital zoom and a 1.5x instant digital zoom. Picture quality is good, audio is good to average and ease of operation is very good to excellent, so overall performance is good to very good. It's easily one of the most desirable $999 camcorders.

## Hitachi VM-E55A 8mm Camcorder

**Price:** $999

**Weight & Size (h/w/d):** 1.6 lbs. without battery or cassette, 4-5/8 x 3-5/8 x 10-3/4 inches with viewfinder in shooting position

**Image Sensor:** 1/3-inch CCD

**Lens:** f/1.4, 8x (6-48mm) power zoom

**Filter Diameter:** 34mm

**Minimum Focusing Distance:** 3/8-inch in wide-angle

**Autofocus:** TTL

**Iris:** auto only

**Auto Fade:** to white, with black vertical curtains or with to white zoom

**Shutter Speeds (sec.):** auto only—1/60 (normal), 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1,000, 1/1,500, 1/2,000, 1/4,000

**White Balance:** auto only

**Viewfinder:** electronic with diopter and screen indicators for AE mode, manual focus, battery condition, fade mode, zoom/instant zoom, dew, eject/trouble, EIS, cassette inside, tape usage scale, counter/time remaining, memory, transport mode, auto date, date, time, character titles

**Microphone:** mono electret condenser

**Jacks:** multipin A/V input/output, hot shoe for optional light

**Tape Speed:** SP

**Video Heads:** 2

**Cue & Review Search:** (locking) 9x forward, 7x reverse

**Fast Forward/Rewind Time:** 6-1/4 min. for 120-min. tape

**Edit Protocol:** synchro edit, compatible with synchro edit-equipped Hitachi and RCA VCRs through optional cable

**Remote Control:** IR wireless with buttons for rewind/search, play, fast forward/search, A/V dub, stop, pause/record start-stop, tele, wide angle, display, counter reset, title on/off, synchro edit and TV control buttons for power, AVX (input), volume up and down, channel up and down

**Audio:** hi-fi AFM mono

**Titles/Graphics:** 2 pages, each 1 line of 16 characters

**Special Features:** electronic image stabilizer, multiple fade modes, 2x digital zoom, 1.5x instant digital zoom, multibrand TV remote control, flying erase head

**RESULTS**

**Horizontal Resolution:** 250 lines

**S/N Ratios (dB):** unweighted video—42.8, weighted video—49.2, chroma AM—43.4, chroma PM—37.9

**Minimum Illumination:** 3.1 lux for 50 IRE

**Audio Frequency Response:** 100 Hz-11.5 kHz, +0.4/-3 dB, -20.9 dB at 20 Hz, -5.7 dB at 20 kHz

**Hi-Fi Dynamic Range:** 74.8 dB

**Audio Distortion:** 0.4%

**Approx. Battery Life:** 63 min. (man. focus, no zoom)

**RATINGS**

**Picture:** good

**Audio:** good/average

**Ease of Use:** very good/excellent

**Overall:** good/very good

# How to turn an evening at home into a night at the movies.

A guide to getting full, rich movie theater sound from a Virtually Invisible® speaker system.

BOSE

**Remember** when watching a movie was more than a way to pass the time? When it was fun? When it fired your imagination?

That's because the big screen provides a larger-than-life view of the world of make believe. And the true-to-life sound that goes along with the picture is what turns make believe into reality. It turns characters into real people, pulls us into the action, sets the pace, and summons our emotions. And it does it so effectively, we are transformed from mere observers into participants in the drama that unfolds before us.

Until recently, even though re-creating the excitement of the movie theater at home was possible, it was available to only a few – those who could afford the expensive electronics, those who were not intimidated by the complex components, and those who had enough room to contain it all.

But now, with the availability of affordable, high resolution big screen TV's, hi-fi VCR's and laser disc players, and advanced speaker technology, the ability to re-create the fascination of the movies – right in our own homes – is well within the grasp of many more families.

Beginning with the following article, written by Tim Holl, Manager of Research Operations at Bose Corporation, this guide describes how you, too, can enjoy the excitement of the movies in your home. ❑

# The most exciting part of your video could be the audio!

By Tim Holl

Excitement. That's what I felt when I took home an early laser disc player, hooked it up to my sound system and settled back to watch Raiders of the Lost Ark. I was totally absorbed – until I was jarred out of Indiana Jones' world by the sound of his voice somewhere off-screen, when I saw him speaking on-screen. Audio for video clearly wasn't as simple as the "audio only" material I was used to.

Over the years, work on high quality audio for video has been almost exclusively in movie theater sound – very different from home sound. In the theater, the listening space is larger. More importantly, the larger screen matches the sound stage size exactly. At home, even rear-projection screens provide comparatively small images – much smaller than the audio image delivered by normal stereo systems. So, when you design your home system, you must take care to seamlessly integrate the sound with the small screen video.

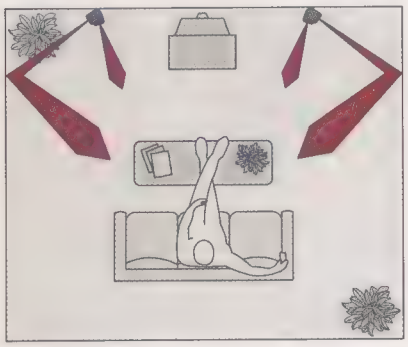
But don't be daunted. We'll examine the benefits and drawbacks of various approaches, from the simplest use of a current stereo system, to a full multi-channel system. You'll soon understand home theater's requirements, potential pitfalls, and what's available to build with. And you'll see that it can be done with surprisingly inconspicuous equipment.

**The first step** is to connect your video sound to your stereo system and place your TV screen midway

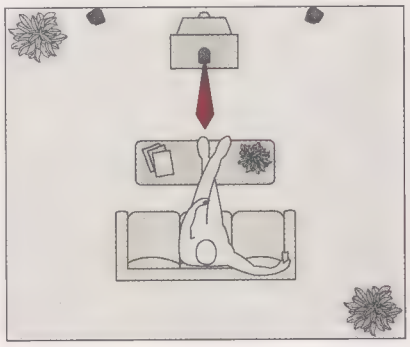
between the speakers. This immediately improves the tonal balance and extends the audio image to the width of the space between the speakers.

Although on-screen vocal localization is not as good as with the TV sound, the system is much better than TV alone, particularly on video material with a musical soundtrack.

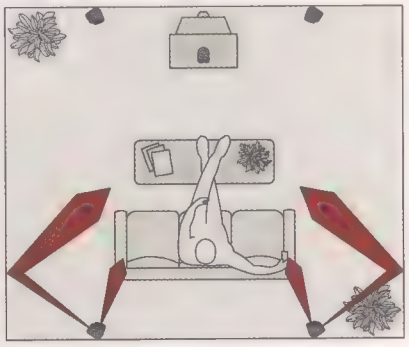
If your speakers produce deep bass, you'll hear another benefit. Movies often use bass to provide clues to the overall atmosphere of scenes. A deep, continuous bass note imparts danger, such as when enemy spaceships come into view. Without good bass performance, loudspeakers literally don't produce these notes – and the effect is totally lost.



*Connect the video sound to the stereo system and place the TV between the speakers for improved tonal balance. (Effect illustrated with Bose® Direct/Reflecting® speakers.)*



*Second, add a steering logic sound decoder and an acoustically matched center channel for on-screen vocal localization.*



*Third, complete the system with rear channel speakers with deep bass to get the full impact of surround encoded material. (Effect illustrated with Bose Direct/Reflecting® speakers.)*

**The second step** is to improve vocal localization. On TV much of the sound is speech, which we expect to be localized on the screen. However, the phantom center image produced by wide-spaced speakers doesn't provide on-screen localization.

Turning up the TV's volume a bit can help. A better solution is to move your stereo speakers next to either side of the screen. (They must be magnetically shielded so they don't interfere with the picture.) This narrows the sound stage, but provides high quality sound with excellent on-screen vocal localization.

Slightly more complex audio-video systems include a steering logic surround decoder. They can provide many benefits, even if you do not intend to use a surround channel in the rear. They let you enjoy on-screen vocal localization without sacrificing a wide stereo image. Front channel steering is effective on most material, even if it isn't surround encoded.

In most video material, speech is recorded monophonically for good on-screen localization. A steering logic surround decoder directs the monophonic content of the program to the center channel only. (Surround decoders without steering logic don't provide this benefit. Even if they have a center channel, they feed monophonic signals equally to the right and left channels.)

Now you need a center channel loudspeaker on top of or adjacent to the TV. It must be magnetically shielded; but, since its purpose is to localize speech, it does not have to produce deep bass.

**Finally,** a complete audio-video system should include rear channel speakers. And, since there are now several speakers in the room, it's a good idea to select inconspicuous models.

Place them high on the rear wall where furniture won't interfere between the speakers and the viewer. If deep bass wasn't necessary, any number of speakers would work. But, most surround encoded movies include bass in the surround channel, which must be adequately reproduced by the surround speakers to get the full impact.

If you use a three-piece system with a separate bass enclosure for the rear channel, be sure you put the bass unit well away from the speakers reproducing bass for the front channel. If the two bass units are too close together, the time delay in your surround decoder will cause the bass notes from front and rear to interfere with each other and produce severe and unwanted effects known as comb filtering.

In a full surround system, the rear effects are only correctly reproduced on surround encoded material. However, the left-right-center steering produced by the decoder will be effective on most material, encoded or not.

## The system will be much better than the TV alone, particularly on video material with a musical soundtrack.

So it is a good idea to switch the rear speakers off for non-encoded material but to leave the decoder active. You'll still get excellent on-screen localization, even on the non surround-encoded material, but arbitrary rear sounds will not detract from your enjoyment.

**Whether** you build your home theater system all at once, or one step at a time, always build with an overall plan in mind.

- To maintain a consistent tonal quality as the sound moves from channel to channel, choose front, center, and rear channel speakers that are as acoustically matched as possible.

  As *Stereo Review* said, "If the center speaker doesn't match the sound of the left and right front speakers, imaging and clarity will be impaired."
- To capture all the impact of today's sound tracks, choose front and rear speakers with full range response and wide dynamic range.
- Be sure the radiation pattern of the front and rear speakers provides a wide sound stage. This is important in reproducing the fullness of musical scores and the ambient sound accompanying large visual fields.
- Remember, in most cases, more than one person will be watching. This will put viewers at different angles and distances from the speakers. When you audition speakers, listen to a movie sound track from several locations to be sure you can hear all the channels at each location.
- And, finally, make sure the sound system you select will fit into your room with enough space to allow comfortable viewing.

**Choosing** a system that meets all these criteria can be daunting. But recent breakthroughs in sound reproduction technology, combined with proven speaker design, now makes selecting a home theater sound system easy. Once you take that first step, you may wonder how you put up with ordinary TV sound, and find yourself renting those old favorites again to hear what you missed the first time. ❑

Home Theater Speaker System Placement Using Bose Direct/Reflecting Speakers.

**1. Front Speakers**

Should be placed above furniture for a wide, uniform sound stage to allow the fullness of the music and sound effects to reach a variety of listening locations.

**2. Center Channel**

Should fit on top or just underneath the TV and localize on-screen voices to on-screen action.

**3. Rear Speakers**

Should have the tonal characteristics of the front speakers, including full bass response and wide dispersion.

# With Acoustimass® speaker technology in your home theater system, your eyes won't believe your ears.

**Patented** Bose® Acoustimass speaker technology delivers sound so clear and lifelike, it can rival the best movie theaters. When the first Acoustimass speaker was introduced, *Stereo Review* said "...side by side with speakers costing three to five times as much, the AM-5 (Acoustimass-5) consistently produced the more exciting and listenable sound..."

## The part you see.

While Acoustimass technology puts you in the center of the action by enveloping you with sound, that doesn't mean you're surrounded by bulky equipment. The Virtually Invisible® speaker design takes care of that with speakers so small they fit in the palm of your hand and a bass module you can slip behind or under furniture.

All you see is the Virtually Invisible® speaker arrays. Their surprising size is made possible by the extended range of the hidden Acoustimass bass module. You'll think all the sound is coming from the arrays, including the bass. And each array can be rotated to reflect a portion of the sound off the walls of the room to help re-create the spaciousness of a movie theater and a uniform sound field throughout the listening area.

As *Stereo Review* said "...its powerful, room-filling sound emerges from satellite speakers which could easily be held on the palm of one's hand..." Each no taller than a video tape, they can be placed conveniently on a shelf or mounted on a wall or ceiling with optional mounting brackets. (Floor stands are also available.)

## The part you don't see.

What you don't see is the hideaway Acoustimass bass module. Its patented technology was developed by Bose to radiate sound directly into the room via an air mass rather than a vibrating cone. The result is a deep, pure bass response with no audible distortion.

The Acoustimass bass module is designed to produce bass so efficiently that a conventional bass system would need four times the size to deliver the same bass response. The result is a bass module small enough to hide behind a curtain or under a chair. And because the module produces no audible distortion to give away its location, it can be placed almost anywhere in the room.

# Build your home theater speaker system in one or two easy steps.

*Acoustimass-7 home theater speaker system.*

**Acoustimass®** systems are available with either two or three cube speakers, each precisely matched in sound quality. So you can buy your entire system now, or just the front channel system now and rear channels later. Either way, you're assured of complete compatibility because each system is acoustically matched to the other.

By combining acoustically matched systems, you can create a complete five-speaker system that takes less space than many televisions, yet sounds like many of the best movie theaters.

## Acoustimass-7 home theater speaker system.

The solution for lifelike, movie-sized sound from a Virtually Invisible® speaker system, these three tiny front speaker arrays deliver lifelike, spacious sound. Hidden anywhere you like is the compact bass module. Yet all the sound appears to come from the arrays.

With its Bose® Direct/Reflecting® speaker design, this system re-creates a natural balance of reflected and direct sound that conventional speakers cannot match. By swiveling the top cube of each speaker, you can tailor the mid- and high-frequency pattern to your preference. Magnetic shielding inside the arrays allows you to place the center channel speaker on or near your TV, to accurately position on-stage dialogue.

Add the acoustically matched Acoustimass-5 speakers for a five-speaker system with total sound quality consistency. Every seat in the house becomes the best seat in the house.

*Acoustimass-4 home theater speaker system.*

## Acoustimass-4 home theater speaker system.

The solution for big screen sound from an even more compact and affordable system, the Bose Acoustimass-4 speaker system shares much of the technology of the Acoustimass-7 system. Yet its smaller cube speakers and even more compact bass module make its big screen sound fit into the smallest screening areas. And it won't crowd your budget.

Engineered to take full advantage of Acoustimass speaker technology, the Acoustimass-4 system features three tiny, magnetically shielded cube speakers. Each is less than 4 inches high, yet together they fill the room with clear mid- to high-frequency sound. From the center channel, you hear crisp dialogue. Left and right channel speakers project their wide stereo image far beyond the limits of your screen. Hidden from sight, the bass module establishes the lows that set the mood.

For a five speaker system, add the acoustically matched Acoustimass-3 speaker system for the rear channel.

## Check your local newspaper for special offers.

Then go look. And listen. You'll find there's an Acoustimass home theater speaker system to fit your needs and your budget. Or call us toll free for more information and the names of authorized dealers.

**1-800-444-BOSE Ext. 298** (1-800-444-2673)

Monday – Friday 9AM – 9PM
Saturday 9AM – 5PM

**With Bose®** Acoustimass® home theater speaker systems you'll no longer just watch a train cross your TV screen. You'll feel it rumble right through your living room.

Home Theater Made Easy
Acoustimass Systems

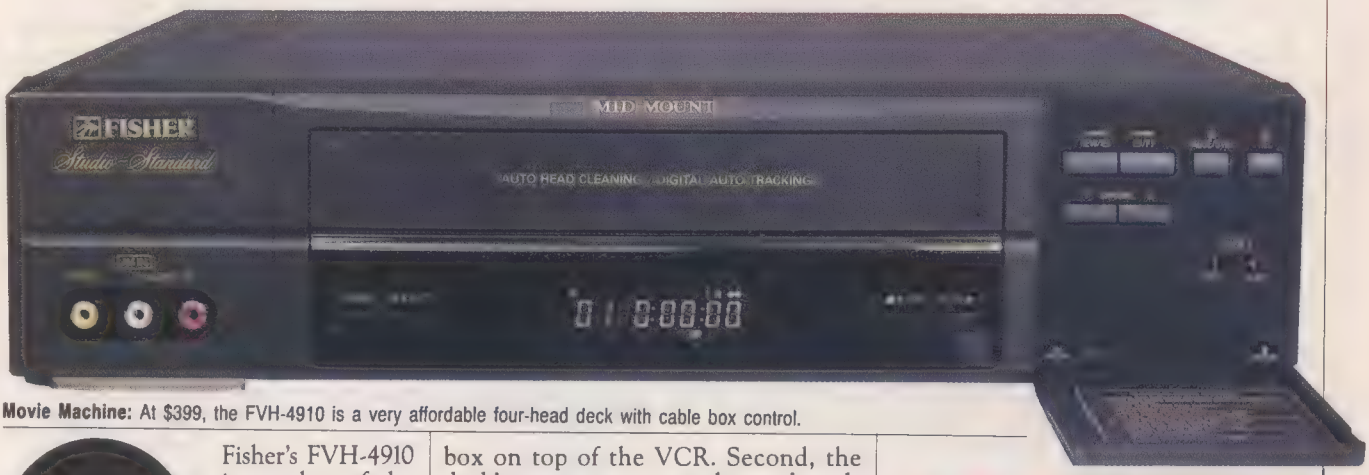
*"In fact, the more I use Acoustimass speakers, the more amazed I am."*

*Julian Hirsch, Stereo Review*

1-800-444-BOSE
Ext. 298 (1-800-444-2673)
Monday – Friday 9AM – 9PM
Saturday 9AM – 5PM

BOSE®
Better sound through research®

© 1993 Bose Corporation, The Mountain, Framingham, MA 01701-9168 Covered by patent rights issued and/or pending.
JN 94378 PN175050




**Movie Machine:** At $399, the FVH-4910 is a very affordable four-head deck with cable box control.

VIDEOTEST 712

# FISHER *VHS VCR*

Fisher's FVH-4910 is another of the new crop of VCRs that simplify timeshifting of cable TV programs. They do this through VCR Plus circuitry and an infrared emitter that sends commands to your cable box. The FVH-4910 is one of the most convenient for two reasons. First, it uses a wired emitter, which allows you more freedom in configuring your system than emitters built into VCRs—you don't have to put the cable box on top of the VCR. Second, the deck's remote can control most brands of cable boxes and TVs directly. This greatly reduces the number of remote controls you have to keep track of.

Otherwise, the deck is pretty much like other low-priced VHS hi-fi VCRs. Its most interesting features are front-panel inputs (for use when dubbing tapes from a camcorder), blank tape search and a shuttle dial that offers bidirectional search, bidirectional double-speed play and forward slow motion. Its six-event/one-year timer may be set either using VCR Plus codes from *TV Guide* or your local listings, or with a conventional onscreen programming system that requires you to enter the date, time and channel. ▸

**HIGHLIGHTS**

Fisher's FVH-4910 is an ideal VCR for home theater enthusiasts on a budget. It offers VCR Plus with cable box control via a wired IR emitter, hi-fi sound, a shuttle dial and a remote that controls most brands of TVs and cable boxes. It's intended for playback and basic recording—it has no editing features. Picture quality is very good to excellent, hi-fi audio quality is very good (although linear track audio quality is only average) and ease of use is good to very good. We rate it very good overall. At $399, it's a real bargain if you're into home theater or timeshifting.

## Fisher FVH-4910 VHS VCR

**Price:** $399

**Weight & Size (h/w/d):** 9.3 lbs., 3-1/2 x 14-1/4 x 11-1/2 inches

**Tape Speeds:** SP, LP, EP

**Video Heads:** 4

**Jacks:** front—video/stereo audio input; rear—video/stereo audio input and output, RF (antenna/cable) input and output, cable box IR emitter out

**Rapid Search:** multi-speed forward/reverse dial on remote

**Cue & Review Search:** (locking) 5x SP, 10x LP, 21x EP

**Fast Forward/Rewind Time:** 3 min. 50 sec. for 120-min. tape

**Remote Control:** IR wireless with shuttle dial and buttons for power, VCR control, TV control, cable box control, TV/VCR, program, clear, set, VCR Plus, speed, input, display, 10-digit keypad, 100/enter, channel scan, TV volume up and down, clock, reset, memory, channel/tracking up and down, record, rewind/search, play, fast forward/search, index, pause/still, stop, blank search

**Program Start Locator/Index/Cue:** index with auto mark and forward search to next mark

**Audio:** linear mono, hi-fi AFM stereo

**Timer:** 6-event/1-year

**Clock/Timer Battery Backup:** 60 min.

**Special Features:** VCR Plus with cable box control, still frame, slow motion, 2x speed play, shuttle dial, multibrand TV and cable box control, auto head cleaner

**Absent Features:** frame advance, audio dub, video dub, insert edit, synchro edit

**RESULTS**

**Horizontal Resolution:** 240 lines

**S/N Ratios (dB):** unweighted video—45.8 SP, 44.6 LP, 43.2 EP; weighted video—52 SP, 50.2 LP, 49.5 EP; chroma AM—46.2 SP, 44.8 LP, 40.6 EP; chroma PM—39.6 SP, 37.8 LP, 37.3 EP

**Audio Frequency Response:** hi-fi—20 Hz-20 kHz, +0.2/-1.1 dB; linear (-3 dB)—100 Hz-10 kHz SP, 100 Hz-4 kHz LP, 100 Hz-3 kHz EP

**Hi-Fi Dynamic Range:** 78.9 dB

**Linear Audio S/N:** 41.2 dB

**Audio Distortion:** hi-fi 0.4%, linear 1.1%

**RATINGS**

**Picture:** very good/excellent

**Audio:** very good

**Ease of Use:** good/very good

**Overall:** very good

These features make the FVH-4910 an ideal deck for home theater—the only significant omissions are locking slow motion and frame advance. The deck isn't suitable for editing, because it lacks features like a flying erase head and audio dub. But so does every other VCR in this price range.

The FVH-4910 looks like most other VHS hi-fi decks, with exposed controls for power, eject, stop and play, and controls for rewind, fast forward, pause, record and channel hidden under a flap at the right. The rear panel has the usual video/stereo audio and RF inputs and outputs, plus a jack for the infrared emitter for the cable box. The IR emitter looks like a one-inch football with a tiny projection from which the cable springs and into which the supplied wire stand is inserted.

The remote is a bit more interesting. Its most prominent feature is its shuttle dial, which provides easy access to all of the deck's play speeds. It also has buttons that select VCR, TV or cable box control, plus the usual array of transport, speed, display and input controls.

Setting up the FVH-4910 is straightforward. The only unusual steps are selecting the control code for the cable box and, if your cable channels are numbered differently from those in your listings, entering the differences into the VCR's memory.

Controlling the VCR from the remote is also straightforward, but you must select the display language and set the time before you have access to the remainder of the menu system. Setting up the VCR is an easy process of making the appropriate selections; onscreen prompts help you through the process. The VCR offers a good mix of useful features and an easy-to-understand set of controls, once you learn that the menu is called up by the program button. We rate ease of use good to very good.

Picture quality is very good to excellent—impressive for any VHS VCR, but especially good for one that costs $399. Audio quality is very good on the hi-fi tracks, but only average on the mono linear track. That's okay, though, because you'll probably only use the linear track when playing camcorder tapes or tapes made on a mono VCR.

The FVH-4910 is one of the least-expensive VCRs we can remember testing, but its performance leaves little to be desired. Home theater and timeshifting enthusiasts should check this one out—it doesn't compromise in quality, and it could save you enough money to buy a year's worth of blank tape. ■

## 8MM CAMCORDER

*continued from page 34*

Assistant editor Brian Clark evaluated the VM-E55A's stabilizer, and found it does a good job of taking the shakes out of static shots. He recommends shutting the stabilizer off when you pan and tilt, because it tends to drift in those circumstances—the picture keeps moving for about a second after you stop moving. He found the picture quality loss caused by the stabilizer very noticeable, especially when he used it with the VM-E55A's digital zoom, and especially in low light, where noise adds to the picture degradation. The bottom line is that when you're in a shaky situation, you should use the stabilizer, but when you're not, you should shut it off for better picture quality.

This is very much a point-and-shoot camcorder. The only camera function you can control is focusing, through two powered manual focus buttons. There's no control for iris, shutter speed or white balance, and there are no programmed auto exposure modes. However, the camcorder is always in what would be called a sports mode—it automatically uses the highest shutter speed practical

LASERDISC ENTERPRISES

LARGEST LaserDisc Store In The Universe

• Friendly Service
• Free Shipping*
• Same Day Shipping
• Every Single Title Discounted Every Day
• FedEx 2-Day Service for Only $3.49 Per Disc

1-800-347-1941

2514 Cobb Parkway
Smyrna, GA 30080
Ph 1-404-955-8909
Fx 1-404-984-2173
VISA - MASTERCARD - DISCOVER
C.O.D. - CHECKS
10:00 - 7:00 EST MON - FRI
* CONTINENTAL ONLY - UPS GROUND

Circle 5 on Reader Service Card.

NO 1 BATTERY SPECIALISTS
We're #1 for all your battery needs!
BATTERIES...
SONY 1600mah.....27.97
PAN new VHS-C.....27.97
CANON new 8mm....27.97
RCA/HITACHI/MIN....27.97
PAN BP80/88.....39.97
There is no battery we do not have, or cannot get! From No-Memory batteries, to extended play...call the Specialists!
*all fully guaranteed!!*
...AND MORE!
Wide Angle and Telephoto lenses...call
Cellular Telephone Accessories.....call
Reconditioners for 6V Batt.....29.97
Battery Belts for extra-long run times!!
1-800-ASK-BTRY
1-800-275-2879
IN NYC OR OUTSIDE THE US (212)768-7595
#1 BATTERY SPECIALISTS
74 W. 38th ST. 2nd Floor
New York, NY 10018 FAX (212) 768-9530
Returns within 30 days in new condition. Shipping, insurance, return shipping are not refundable. Above brand names are copyrighted. Prices subject to change.

Circle 6 on Reader Service Card.

for the lighting conditions. This gives you blur-free still frames in well-lit interiors and outdoors. However, it can limit your depth of field in bright sunlight; less of the picture will be in focus than if you used a slower shutter speed and a smaller iris setting.

The camcorder has an 8x optical zoom with a 2x digital doubler for an effective range of 16x. The doubler engages automatically when you zoom past 8x. An indicator in the viewfinder tells you when the digital doubler is engaged. Using the digital doubler cuts resolution, although the loss is only noticeable at the far end of the 16x range.

A button centered on the zoom rocker engages a 1.5x "instant" zoom feature. This cuts instantly to a picture magnified by 50 percent. Used in conjunction with the digital zoom, it provides an effective zoom range of 24x, although the picture degradation is very noticeable at that range. We had fun switching the instant zoom on and off quickly, creating a jerky effect that reminded us of the old *Laugh-In* TV show.

The VM-E55A has two unique fade modes we enjoyed using. One creates a horizontal black curtain wipe (sort of like moving letterbox bars) between scenes. The other zooms in as it fades to white, and zooms out as it fades in from white. There's also a conventional fade-to-white option.

Other useful features include a two-page character titler and a powered accessory shoe that lets you attach an optional video light and power it with the camcorder's battery. An optional cable provides synchro edit capability. This lets you start and stop the VM-E55A in sync with a synchro edit-equipped Hitachi or RCA VCR—a very convenient setup for simple editing.

However, there are no jacks for a microphone or an earphone. These omissions, combined with its lack of manual controls, relegate the VM-E55A to point-and-shoot use—it's for fun, family video, not for serious videography.

The camcorder is slightly larger than most palm-size camcorders, but still quite compact and light. Its viewfinder folds for storage. We found the design made shooting very comfortable, and with so few controls, the camcorder was almost foolproof to operate.

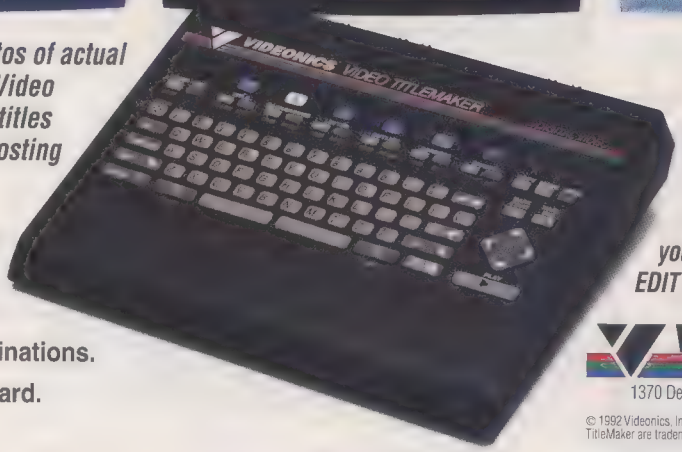
One annoying characteristic of this and other Hitachi and RCA camcorders is the multipin connector used for A/V input and output. Hitachi supplies an output cable, but if you lose it, you'll have to go to a Hitachi or RCA dealer for a new one—you can't use conventional video and audio cables. It might be a good idea to buy a spare. Also, cables for RF output, video/audio input and synchro edit are extra-cost options.

A small infrared remote controls all playback functions, plus zoom, record run/stop, titler on/off, insert edit (A/V dub) and synchro edit. It also controls 13 major brands of TV set, with buttons for power, input (which works only with Hitachi TVs), volume and channel. Unfortunately, the remote has a counter reset button, but the camcorder doesn't.

Picture quality is good, considerably better than we expected from a $999 camcorder. Detail was excellent for 8mm and color accuracy was good. The only noticeable artifact is a trace of chroma PM noise, which makes red areas shift slightly to purple or orange. However, the chroma PM noise was much less noticeable than we expected—about as good as that of most $1,200 to $1,500 8mm and Hi8 machines.

The autofocus performance was a bonus. It works very well, and felt faster and more stable than most TTL sys-


# One Titler Speaks For Itself




*These are unretouched photos of actual TV screens! The Videonics Video TitleMaker produces better titles than character generators costing thousands of dollars.*

- Resolution surpasses both S-VHS and Hi8.
- Over a Million Colors!
- 48 Font and Size Combinations.
- Easy-to-use Full Keyboard.
- 12-Language Capability.
- 8000 Character Memory.
- 8-Speed Scroll and Crawl.
- 20 Special Effects.

*If you'd like titles of this quality in your video productions, call 1-800-338-EDIT for the name of a dealer near you.*

VIDEONICS

1370 Dell Avenue • Campbell, CA • 95008 • 408-866-8300

© 1992 Videonics, Inc. Specifications are subject to change without notice. Videonics logo and Video TitleMaker are trademarks of Videonics, Inc. Television screens are NOT simulated!

Circle 7 on Reader Service Card.

DIGITAL HOLLYWOOD
LASERDISCS
SEGA GENESIS, NES, SNES, CD ROM, CD-I
15% OFF ALL TITLES!!
~ FREE SHIPPING ~
(CONT. US ONLY)
VISA, MASTERCARD, CHECK
CALL TODAY FOR A FREE CATALOG

Copyright © 1993 Columbia Tri Star Home Video. All Rights Reserved.

Available November 17
on Laserdisc

© 1991 and 1993 Carolco Pictures Inc. All Rights Reserved.

Available November 24
on Laserdisc

Join up Today!

THE DIGITAL HOLLYWOOD
LASERDISC CLUB

20 - 25% OFF ALL TITLES!!
Monthly newsletter with new release information, *plus* special offers and giveaways!

Call or write for membership information:

31441 Santa Margarita Pkwy., #A276
Rancho Santa Margarita, CA 92688
1 (800) 432-1412
FAX (714) 952-8452

Circle 8 on Reader Service Card.

tems, and never seemed sluggish. It tends to hunt only in very poor lighting conditions, where you shouldn't use autofocus anyway.

We rate audio quality good to average, just a hair under the performance of average 8mm machines. Frequency response at the high end is typical for basic 8mm camcorders, but the steeper slope at the low end is more typical for those with wind-noise reduction circuitry. On many models, you can switch this off, but not on this one.

Without an external mic, you can't do anything to improve your sound, but at least the mic built into the VM-E55A sounds good, without the tinniness that hampers many camcorder mics. It's well-isolated, too—on playback, we heard no noise from the transport or the focus or zoom motors.

Overall, we rate the VM-E55A good to very good. It's ideal for families on a budget. For $999, you probably can't beat its picture and sound quality, and you definitely can't find a less expensive camcorder that offers an image stabilizer. ■

STOP WASTING MONEY!!! STOP
18th Year Anniversary
PIONEER
#1 in Customer Service
*CABLE TV CONVERTERS*
BELOW WHOLESALE
SAVE MONEY WHY RENT ???
ASK ABOUT OUR FREE
*** BLUE BLOCKER ***
SUNGLASSES OFFER
WE CARRY ALL MAJOR BRAND NAME CABLE TV CONVERTERS
* YOUR SATISFACTION IS OUR #1 PRIORITY !
* 30 DAY MONEY BACK GUARANTEE !
* 1 YEAR WARRANTY ! WE SHIP C.O.D. !
* OUR UNITS ARE GUARANTEED TO WORK !!
PLEASE HAVE THE BRAND NAME & MODEL NUMBER OF YOUR CABLE COMPANIES CONVERTER, BEFORE CALLING.
WE WILL MEET OR BEAT ANY VALID PRICE QUOTE.
UNLIKE SOME OF OUR COMPETITORS, WE ARE HAPPY TO SPEND THE TIME TO ANSWER YOUR QUESTIONS CONCERNING THE PURCHASING OF OUR EQUIPMENT.
VISUAL COMMUNICATIONS, INC.
FOR CATALOG OR INFORMATION
CALL 1-718-229-2332
***** SORRY NO NEW YORK SALES *****
FRIENDLY - PROFESSIONAL - SERVICE- SINCE 1975
*** FOR ORDERS ONLY ***
1-800-GO-CABLE
20-04 UTOPIA PARKWAY SUITE 238 WHITESTONE, NY 11357
BY PURCHASING CABLE EQUIPMENT FROM VISUAL COMM.THE CUSTOMER AGREES TO COMPLY WITH THE FEDERAL LAWS REGARDING PRIVATE OWNERSHIP OF CABLE TV EQUIPMENT, IF YOU ARE UNSURE OF THESE LAWS CHECK WITH YOUR LOCAL OFFICIALS. ANYONE IMPLYING THEFT OF SERVICE WILL BE DENIED SALE OF EQUIPMENT.

Circle 9 on Reader Service Card.

# S-VHS VCR

*continued from page 33*

jack. A cover on the right hides controls for video dub, audio dub, timer reset, remote control code A/B (for use when other Mitsubishi decks are also being used), headphone volume, record level and record balance.

The rear panel has an S-video/video/stereo input, two video/stereo audio outputs (one with S-video), RF (antenna/cable) input and output connectors, a jack for a wired cable box control IR emitter, and input and output jacks that accept and pass remote control commands from other Mitsubishi components.

There's also a jack for edit control, which allows synchronized editing with synchro edit-equipped Mitsubishi camcorders and VCRs. The channel 3/4 switch for the RF modulator has an off position. This position is used when no cable is connected to the RF output. It eliminates the interference that can leak into the video signal from the RF convertor.

The remote control has a jog/shuttle dial at the back, with transport controls positioned slightly ahead. It has TV controls for volume, channel and mute; these can be programmed to control 12 different brands. A few other controls, including the 10-digit keypad, hide under a flap at the front. It also has a button that lights up the legends on the most important controls.

Operating the HS-U69 can get a little complicated. Basic hookup is easy—the only wrinkles are that you have to select the proper code to control your cable box (the HS-U69 operates 45 cable-box brands), and make sure the box is positioned so that it can receive infrared commands from the VCR's emitter. If your cable channels carry different numbers than those in your listings, you have to reprogram the channel numbers, but an onscreen menu makes the procedure clear and simple.

Many of the more advanced functions are addressed through a multipage menu system with many submenus. This is where things get tricky. Some functions are accessed through dedicated audio and video menu buttons, others through a master menu button. the video menu includes options for sharpness control and intelligent picture control, which can help make poorly recorded tapes look better. The audio menu controls hi-fi/mono/mix selection, front display on/off, level meters on/off, and allows you to record the SAP channel of a broadcast on a tape's linear track, while recording the normal stereo sound

on the hi-fi tracks.

The directions in the manual are very clear, but either the table of contents or the index should be extended to make it easier to find the instructions you need. There is no list of all the features, and if you don't know they are there, you may never discover them. We rate ease of use good.

Picture quality is good to very good. We expected higher performance from the HS-U69, because its predecessors, the HS-U67 and the HS-U65, were outstanding decks. No signal-to-noise ratio measurement stands out as particularly low, but none is as good as you might expect for the price. Most are about four or five decibels below those of JVC's HR-S6900, the current standard-setter among consumer S-VHS decks. The HR-S6900 is more costly than the HS-U67, but only by $100. The HS-U69's performance is actually slightly below RCA's VR720HF, which costs only $749.

The story is better when you listen to the deck. The audio measurements achieve a very good rating, still not as high as that achieved by the HR-S6900, but quite respectable, noteworthy for solid dynamic range on the hi-fi tracks

## Mitsubishi HS-U69 S-VHS VCR

**Price:** $899

**Weight & Size (h/w/d):** 14 lbs., 3-7/8 x 16-5/8 x 14 inches

**Tape Speeds:** SP, EP

**Video Heads:** 4

**Jacks:** front—video/stereo audio input, edit control; rear—S-video/video/stereo audio input, two video/stereo audio outputs, one S-video output, active A/V network input and output, cable box IR emitter output, RF (antenna/cable) input and output, headphone jack

**Cue & Review Search:** 10x SP, 20x LP, 30x EP; multiple speeds using jog/shuttle dial

**Fast Forward/Rewind Time:** 250x speed at which tape is recorded; 1-1/2 min for blank 120-min. tape

**Edit Protocol:** synchro edit, compatible with synchro edit-equipped Mitsubishi VCRs and camcorders

**Remote Control:** IR wireless with LED for transmitting and adjust mode, jog/shuttle dial and exposed buttons for power, quick program/VCR Plus, audio function, video function, TV, VCR, volume up/down, quick view, mute, channel scan up/down, record, stop, pause, rewind/search, play, fast forward/search, index + and -, VCR/TV, display, light, menu and adjust on/off; covered buttons for off time/OTR, VCR A codes, VCR B codes, input, cancel enter and a 10-digit keypad

**Program Start Locator/Index/Cue:** index with mark and erase, by time counter

**Audio:** linear mono, hi-fi AFM stereo

**Titles/Graphics:** recordable date and time

**Cable Tuning Range:** 125 channels

**Timer:** 8-event/4-week

**Clock/Timer Battery Backup:** 30 min.

**Special Features:** VCR Plus with cable box control, still frame, frame advance, slow motion, speed play, audio dub, video dub, insert edit, blank search, multi-brand TV remote, E-E monitoring with preroll, auto head cleaner, date stamp, VCR Plus programming, high-speed search and rewind, dual flying erase heads, child lock

### RESULTS

**Horizontal Resolution:** 400 lines S-VHS, 240 lines VHS

**S/N Ratios (dB):** unweighted luminance—42.4 SP, 41.8 EP; weighted luminance—48.4 SP, 46.9 EP; unweighted video—44.7 SP, 43.3 EP; weighted video—47.9 SP, 47.7 EP; chroma AM—43.9 SP, 41.5 EP; chroma PM—37.7 SP, 34.6 EP

**Audio Frequency Response:** hi-fi—20 Hz-20 kHz, +0.6/-1.6; linear, -3 dB—50 Hz-13 kHz SP, 50 Hz-3.5 kHz EP

**Hi-Fi Dynamic Range:** 82.3 dB

**Linear Audio S/N:** 42.1 dB

**Audio Distortion:** hi-fi 0.3%, linear 0.9%

### RATINGS

**Picture:** good/very good

**Audio:** very good

**Ease of Use:** good

**Overall:** good/very good


FOR BETTER SOUND IN ALL YOUR VIDEOS... CHOOSE NADY!

Nady 351 VR Wireless Mic System

Nady always offers the best performance and price. We sell more wireless microphones than all other brands combined—proof of Nady's unsurpassed quality. Now we're introducing more camcorder accessories to make your videos sound better than ever. And every one of them is affordably priced. See them at your Nady dealer today!

49 VR Wireless Video Mic

151 VR Wireless Video Microphone

MCM-400 Real Time Camcorder Audio Mixer

SBM-500 Stereo Camcorder Mic
CTM-600 Normal/Tele Camcorder Mic

AVM-300X Stereo A/V Mixer with Video Fade

551 VR Two Channel Wireless Video Mic

VCM-100 Camcorder Boom Microphone

VLM-770 Remote Powered Lavalier Mic

NADY SYSTEMS INC.

NADY SYSTEMS, INC.
6701 Bay Street
Emeryville, CA 94608
510/652-2411
Fax: 510/652-5075

The Best Performance and Price in Video Camcorder Accessories

Circle 10 on Reader Service Card.

AUTHORIZED!

# TOOLS OF THE TRADE

50 Years In Business

SONY HANDYCAM CAMCORDERS

HITACHI VM-H39A

Berger Bros. Camera and Video Exchange Specializes in both Photographic and Video Equipment. We carry the **Largest Selection** of Camcorders and Accessories in stock and at the lowest prices. We'll help you make the right choice over the phone, that's why we can offer a full **money back guarantee.** We could list all of our Equipment in our ads like everyone else...but we call that our 192-page Catalog.

SONY Canon JVC bogen Nikon HITACHI VIDEONICS YASHICA

Panasonic SHARP RICOH MINOLTA AZDEN SUNPAK FUJIX-8 RCA sima

**1-800-262-4160**

We Compete With Any Legitimate Price & We Ship Anywhere

***When Tomorrow Won't Do. Call Us Today.***

**BERGER BROS.**

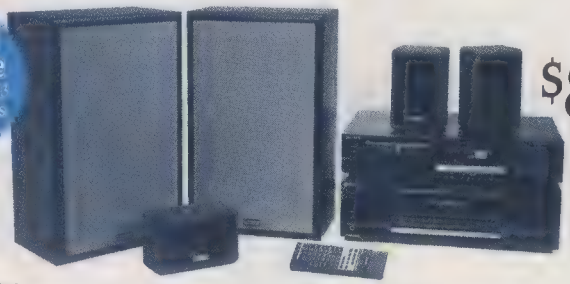
CAMERA & VIDEO EXCHANGE

(516)-264-4160 • FAX (516)-264-1007

209 BROADWAY (ROUTE 110) AMITYVILLE, N.Y. 11701

Circle 11 on Reader Service Card.

It's Not Too Late Order by 12/23 For Christmas Delivery



*Model Six speakers are available in three finishes.*

$849

*Factory-direct price for complete system.* Not available in stores.*

# Dolby Pro Logic Surround Sound Price Breakthrough!

Our lowest price *ever* on a high-performance Dolby Surround Pro Logic home theater sound system.

We don't know of *any* Pro Logic system of this quality near this price. Hook it up to your TV and stereo VCR to create a home theater.

This system uses our new Model Six loudspeaker by Henry Kloss as the main speakers. *Stereo Review* magazine says "Model Six is truly a high quality speaker...it has an 'all there' quality that belies its amazingly low price...an exceptional value."

Center and surround speakers are our Model Ten-A. The Sony receiver includes Dolby Surround Pro Logic, 5 channels (50/50/10/10/10 watts/ch.) and a system remote. The Sony CD player sounds great.

We believe this to be the country's best value in a home theater sound system. It's backed by our 30-day Total Satisfaction guarantee.

**FREE AUDIO CATALOG**

Components by Pioneer, Sony, Philips, Denon, Cambridge SoundWorks and others.

**1-800-FOR-HIFI**

**CAMBRIDGE SOUNDWORKS**

Suite 130, 154 California Street
Newton, MA 02158 Fax 617-332-9229

* Not including shipping. Dolby is a trademark of Dolby Labs.

Circle 12 on Reader Service Card.

and impressive bass extension on the linear track. Because it has audio recording level controls—a feature not found on the HR-S6900, you might actually be able to make better recordings of demanding audio material.

Before we took this deck out of the box, we expected it would earn a rating of very good to excellent. But after testing, we can rate it only good to very good, which for an $899 S-VHS deck is not really competitive. ■

## HANDYMAN SNAP

*continued from page 33*

used with the Snap to send images directly to a TV without use of the A/V cable.

A Sony spokesman told us that the multipin connector on the bottom of the Snap carries LANC signals. While he wouldn't elaborate on any Sony plan to introduce equipment to take advantage of this, we'll venture a guess. In Japan, Fuji offers a larger, Hi8 version of the Snap without an LCD monitor. The camcorder fits into a docking station that has playback controls on the front. The station controls the camcorder's transport through LANC pins on the camcorder's multipin connector, which also outputs video and audio while sending DC power to the camcorder. Just snap the Fuji camcorder into the station and you have, in effect, a VCR. We suspect Sony has a similar product in the works for future Snaps. If this is the case, the LANC connection is probably useless for edit control.

The Snap stands up vertically and comes with an off-white or dark gray front panel. There's a contoured grip on the right side. A rounded triangular area near the top houses the lens and a sight for the optical viewfinder. A nearby LED blinks red during recording. A second, smaller triangle forms the grille for the monaural microphone. The wide-angle/telephoto switch sits just above the handgrip and under the red start/stop button. Two sliders on the right open the battery compartment, built into the grip, and the cassette hatch.

The LCD screen dominates the rear. Hinged at the top, it tilts up to 60 degrees upward for easier viewing. Above the screen are the eyepiece for the optical viewfinder, a one-inch speaker, the remote control sensor and a charging indicator. Below the screen are buttons for date, time, review, and LCD on/off. There's a tripod socket on the bottom, along with slide switches for the beep, the remote and start/stop mode, and the multipin connector for the power cable or the RF adapter.

The Snap has a memory-free, lithium ion battery that can be charged without taking it from the camcorder. But there's rarely a need to remove the battery. You can extend shooting time, from 45 to 80 minutes, by turning off the LCD display and using the optical viewfinder. A supplied cable lets users feed video and monaural audio to an external monitor, while a second cable that clips onto the base of the Snap covers AC operation and in-camcorder charging. The RF adapter clips to the Snap's base for A/V output to the TV.

A rubber plug on the left edge conceals jacks for a mic, DC mic power, an earphone, and audio/video out. A nearby plastic flap covers tape transport and screen brightness controls. A volume thumbwheel for the speaker, and a rubber tab that hides screwdriver controls for color and hue are also nearby.

In keeping with its simplicity, the Snap has only three controls for basic camera recording. Playback is also a snap. Just turn the circular power switch to the player setting, and use the VCR controls under the flap on the left, or on the remote.

The remote control is smaller than a credit card and a little thicker. It runs on a single lithium wafer cell, and has touch pads for camera mode, play, rewind/search, fast forward/search, stop and pause. Unlike similar remotes for other Sony camcorders, it doesn't have a belt clip. However, the kit includes a folding, detachable plastic hood that makes the screen viewable in sunlight. We recommend leaving it on all the time to protect the screen from scratches and fingerprints.

The Snap's horizontal resolution is 250 lines for record/play, even though the quarter-inch image sensor delivers more than 300 lines to the recorder. The unweighted video signal-to-noise ratio is 40.7 decibels and the weighted video S/N is 48.3 dB. The chroma AM S/N is 42.4 dB, while the chroma PM S/N is 35.8. Minimum illumination is rated as 5 lux, at which level it delivers 29 IRE units. To output our measurement standard of 50 IRE, it requires 9.6 lux.

The audio is average. A high-pitched noise from the transport, audible even during shooting in a quiet spot, ends up on the tape as well. You won't notice it in scenes with background noise. The audio frequency response of the mono AFM track is 50 hertz to 20 kilohertz, +0.1/-2.7 dB, with the level down to 8.6 dB at 20 Hz. Although Sony does not say so, the low frequency roll-off acts as a wind-noise filter that's always on. The dynamic range is 64.1 dB, and the total harmonic distortion plus noise is 0.3 percent. The built-in speaker does not deliver full frequency response, but is adequate for casual viewing. Good headphones should be used if a higher frequency response is required.

Overall, the Snap is a very good camcorder, with its innovative viewfinder and design more than making up for its lack of high-end features. ■

TECH TIP

### *Easy echo*

You can get great reverb effects without spending hundreds on a digital delay. Just head down to the toy store and pick up an echo mic—a plastic tube with a reverbration plate inside. Talk into it, and you'll get surprisingly authentic reverb effects. Place your narration mic right next to the echo mic's open end. It's the best three-dollar sound effect you'll ever find! **–Brent Butterworth**

Circle 13 on Reader Service Card.

# HANDS-ON

*continued from page 18*

On a positive note, the LaserActive software platform is the only true television-based multimedia product that provides laserdisc quality full-motion video, slick computer animation, digital sound, and interactive capabilities. This is due primarily to the 12-inch laserdisc format that affords more digital and analog elbow room than the five-inch CD. But we've known this for a while. Interactive laserdiscs, like the Grammy Award-winning *The First National Kidisc*, were prominent when LaserVision was a pup more than a decade ago.

In fact, we've been waiting for a company like Pioneer to come along and take advantage of the laserdisc opportunity. Based on current interactive and computer animation technologies and the entertainment heavyweights, like Herbie Hancock and former Beatles producer George Martin, that Pioneer has signed, there's great potential for compelling, exciting applications.

But so far, LaserActive titles are compelling only in their spectacular unspectacularness. The first Mega LD discs draw their inspiration from the usual suspects of the edutainment and shoot-'em-up game ghettos. The curiously-titled Mega LD *I Will: The Story of London*, for instance, has a mundane interactive whodunit on side one, starring really bad British actors, and average videogame graphics. Side two is a mangled, surprisingly linear tour of London that contains the original footage used for the mystery, including "candid" shots of the odd characters from the side one mystery.

The narration for the tour rarely matches the footage, with some ironic results. Discussing the Tower of London, the narrator gravely describes "tools of torture" over a visual of the Union Jack gallantly unfurling in a spring breeze. This is followed by a zoom in on a budding tree blossom as the narrator portentously notes that her "flesh crawls at the sight of these grotesque tools." This shovelware, along with all the LaserActive titles, will set you back $120 for each disc.

An even bigger impediment, however, is the remarkably consistent apathy with which the couch-potato public has greeted television-based multimedia products, both a decade ago and now. There's little reason to believe the LaserActive system will get Ma and Pa Tater to interact any time soon.

Having cynically said all this, there is a great idea here. But that's also what Ralph Kramden thought. "Oh, chef of the future, we'd love one system that does the work of all these old-fashioned tools," pleaded sidekick Ed Norton. Unfortunately, in its current incarnation, LaserActive cannot core an apple. ■

## TECH TIP

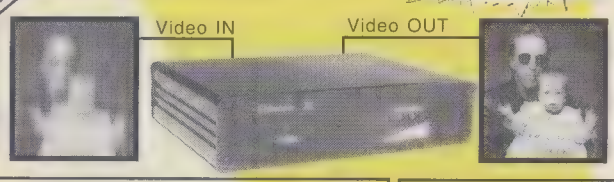
### *Turning day into night*

It's tough to shoot a scene with a camcorder in moonlight, because there's seldom enough light to get a good image. However, you can suggest moonlighting in broad daylight by closing your camcorder's iris three stops (assuming it offers manual iris adjustment) and adding a blue filter.

Jean-Francois Boucher
Montreal, Quebec


Free Full Line Catalog

ENHANCER XL™ NEW for '94




MAXIMIZE your video for the best possible picture. *Perfect copies!*
● Adjustable Video Output Control
● Video Level Display for Output
MODEL 1: S-VHS & RCA GOLD connectors for video. Includes: 2 Gold S-VHS cables, 2 Gold RCA Cables, & Wall Adaptor. $99.95
MODEL 2: RCA GOLD connectors for video. Includes: 2 Gold RCA Cables & Wall Adaptor. $69.95

POLARIS INDUSTRIES
141 W. Wieuca Rd. Ste 300-B
Atlanta, GA 30342
Your Electronic Depot™
Established 1983
Atlanta, GA
10 Day Money Back Guarantee

VIDEONICS
Digital Video Mixer MX-1 NEW!
CALL For BEST PRICES!
TitleMaker™...Call!
Professional Titler
Thumbs - Up ™.....Call
Video Equalizer ™...Call

PRO-SLATE™
Authentic Video Slate Board.
The Choice of Professional Studios. *Metal Frame Design!*
*Calibration Chart on Reverse Side.* $49.95

PRO-MIX™
Audio Mixer / Video Enhancer
$49.95
*Complete w/ GOLD Connectors & Cables!*

VideoProMagic sima NEW
Digital Video Movie Studio and Audio Mixer
*Picture-in-Picture, Multiscreen, Posterization, Mosaic, Strobe & Freeze* $389.95

ColorWriteMagic
Full Color Special Effects Electronic Titler
*8 different colors, Special effects, High resolution, Extensive memory, Full size keyboard.*
Fx Video Ed/it 4...$229
ScreenWriter.....$149
Pro Ed/it 3.....call
Pro Ed/it 2.....call
CALL NOW! For details and BEST pricing

CITIZEN
Mark II M329
2.9" LCD Color Monitor.
M938.....CALL $119.95
3.8" LCD Color Monitor.
TR30.....CALL Pocket TV Receiver for M329 & M938.

AZDEN
$45.95
CAM - 3
*Mix & Record Sound From 3 Different Sources.*
WR2-PRO.....$169.95
WMS-PRO.....$145.95
WHX-PRO.....$169.95
HS-7V.....$19.95
EZC-990.....$69.95
Video Lenses...Call

VANGUARD
Audio/Video Editor
VA - 305 $129.95
*ALL ACCESSORIES ARE INCLUDED:*
2 microphones, 4 single RCA cables, 3 dual RCA cables, 1 S-VHS cable, 1 AC/DC adaptor.

NEW STEALTH VIDEO CCD CAMERAS
● Smaller Than a Credit Card
● Plugs into any TV or VCR
● Monitor in Total Darkness
● Runs for hours on a 9v battery
● Color and B&W Models
● *Wireless Video Pkg. Avail.*
ONLY $199
*Use as Wireless BODYCAM*

SAMBICO
Deluxe Video Transfer System V0650...$69.95
Video TitleWriter, V6350.....$179
A/V Mixer V6300...$269

GOLD DISK VideoDirector™ $129
POLARIS RemoteMaker™ $89

Call our Friendly sales staff for the hottest deals, and Unique Items.
FREE CATALOG
JOE VIDEO 711

*Open Saturday!*
*Order by 1pm(EST), and We'll Ship That Day!*
Business Hours: 9am - 6pm (M-F) Sat. 10-4
Visit Our NEW Atlanta Retail Store
800 - 752 - 3571
*All Night Order Line*
C.O.D. VISA
Not responsible for typographical errors. Prices valid for duration of this ad. S & H NOT included. Returned items subject to 5% restocking fee. Merchandise must be returned in the same condition as shipped.

RECOTON $79.99
Wireless Video Sender
Wireless Headphone Set.....$119.95
Wireless Speaker System.....$189.95

*Full Line From These Manufacturers & MORE!*
NADY Vivitar bogen SUNPAK




Circle 14 on Reader Service Card.

# VIDEO SHOWCASE

DIGITAL HOLLYWOOD

**LASERDISCS, COMPACT DISCS, CD-ROM, CD-I, SEGA CD/GENESIS, SNES AND MORE**

**ENTERTAINMENT SOFTWARE FOR THE '90s**

15% OFF ALL TITLES — FREE SHIPPING
(continental U.S. only)

Join the Digital Hollywood Laserdisc Club!
20–25% off all titles! Monthly newsletter with new release information plus special offers and giveaways!

Call for more information: 1 (800) 432-1412
Fax: (714) 858-4708

31441 Santa Margarita Pkwy, A276, Rancho Santa Margarita, CA 92688

CIRCLE SHOWCASE #1

## Introducing the New VCR Plus+® Instant Programmer™ with CallSet™

The new VCR Plus+® Instant Programmer™ with CallSet™ is the perfect holiday gift for anyone who would like the fastest, easiest way to tape their favorite shows — even if they have a cable box. Simply punch in the VCR Plus+ numbers found in *TV Guide* and newspaper listings, and VCR Plus+ does the rest!

And now with the new CallSet feature, setting up the unit to work with your equipment is just as easy. Just call our toll-free number and audio tones sent over the phone set up the unit in seconds.

But that's not all. The CallSet unit sill gives you all of the great features that have made VCR Plus+ the number one choice for VCR programming.

So to set up and tape in an instant, get the new VCR Plus+ Instant Programmer with CallSet.

**FOR MORE INFORMATION, CALL 800-432-8271.**

*© 1993 Gemstar Development Corporation. VCR Plus+®, CallSet™ and Instant Programmer™ are trademarks of Gemstar Development Corporation.*

CIRCLE SHOWCASE #2

The Reference for Home Theater

MAPS • TOURS • EVENTS • PRODUCTS
OFFICIAL 1993 INTERNATIONAL SUMMER CONSUMER ELECTRONICS SHOW® $9.00
GUIDEBOOK

VS1293

THE SUMMER CONSUMER
ELECTRONICS SHOW
IN OPENED ITS
RS TO THE GENERAL
JC IN CHICAGO ON
E 6, 1993.
OU WERE THERE -
AT. IF YOU WEREN'T
RE, WE'VE GOT THE
T BEST THING...

OFFICIAL
INTERNATIONAL
ER CONSUMER
RONICS SHOW
UIDEBOOK

E #4

## SHOP WITH THE VIDEO SHOWCASE

**Get more information on any advertisers featured in Video Showcase or find out where the nearest dealer is for that product. Simply circle the product number along with your desired shopping option and we'll do the rest!**

Showcase #1
A. Send me literature
B. Send me dealer information

Showcase #2
A. Send me literature
B. Send me dealer information

Showcase #3
A. Send me literature
B. Send me dealer information

Showcase #4
A. Send me literature
B. Send me dealer information

Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

# HANDS-ON

*continued from page 18*

On a positive note, the LaserActive software platform is the only true television-based multimedia product that provides laserdisc quality full-motion video, slick computer animation, digital sound, and interactive capabilities. This is due primarily to the 12-inch laserdisc format that affords more digital and analog elbow room than the five-inch CD. But we've known this for a while. Interactive laserdiscs, like the Grammy Award-winning *The First National Kidisc*, were prominent when LaserVision was a pup more than a decade ago.

In fact, we've been waiting for a company like Pioneer to come along and take advantage of the laserdisc opportunity. Based on current interactive and computer animation technologies and the entertainment heavyweights, like Herbie Hancock and former Beatles producer George Martin, that Pioneer has signed, there's great potential for compelling, exciting applications.

But so far, LaserActive titles are compelling only in their spectacular unspectacularness. The first Mega LD discs draw their inspiration from the usual suspects of the edutainment and shoot-'em-up game ghettos. The curiously-titled Mega LD *I Will: The Story of London*, for instance, has a mundane interactive whodunit on side one, starring really bad British actors, and average videogame graphics. Side two is a mangled, surprisingly linear tour of London that contains the original footage used for the mystery, including "candid" shots of the odd characters from the side one mystery.

The narration for the tour rarely matches the footage, with some ironic results. Discussing the Tower of London, the narrator gravely describes "tools of torture" over a visual of the Union Jack gallantly unfurling in a spring breeze. This is followed by a zoom in on a budding tree blossom as the narrator portentously notes that her "flesh crawls at the sight of these grotesque tools." This shovelware, along with all the LaserActive titles, will set you back $120 for each disc.

An even bigger impediment, however, is the remarkably consistent apathy with which the couch-potato public has greeted television-based multimedia products, both a decade ago and now. There's little reason to believe the LaserActive system will get Ma and Pa Tater to interact any time soon.

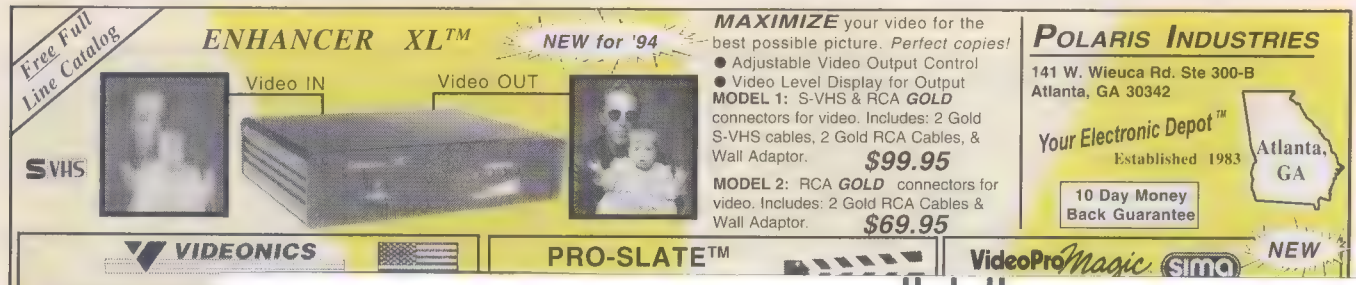
Having cynically said all this, there is a great idea here. But that's also what Ralph Kramden thought. "Oh, chef of the future, we'd love one system that does the work of all these old-fashioned tools," pleaded sidekick Ed Norton. Unfortunately, in its current incarnation, LaserActive cannot core an apple. ■

## TECH TIP

### *Turning day into night*

It's tough to shoot a scene with a camcorder in moonlight, because there's seldom enough light to get a good image. However, you can suggest moonlighting in broad daylight by closing your camcorder's iris three stops (assuming it offers manual iris adjustment) and adding a blue filter.

Jean-Francois Boucher
Montreal, Quebec

PLACE STAMP HERE

VIDEO
460 West 34th Street
New York, NY 10117-0460

# VIDEO SHOWCASE

DIGITAL HOLLYWOOD

**LASERDISCS, COMPACT DISCS, CD-ROM, CD-I, SEGA CD/GENESIS, SNES AND MORE**

**ENTERTAINMENT SOFTWARE FOR THE '90s**

15% OFF ALL TITLES — FREE SHIPPING
(continental U.S. only)

Join the Digital Hollywood Laserdisc Club!
20–25% off all titles! Monthly newsletter with new release information plus special offers and giveaways!

Call for more information: 1 (800) 432-1412
Fax: (714) 858-4708

31441 Santa Margarita Pkwy, A276, Rancho Santa Margarita, CA 92688

CIRCLE SHOWCASE #1

## Introducing the New VCR Plus+® Instant Programmer™ with CallSet™

The new VCR Plus+® Instant Programmer™ with CallSet™ is the perfect holiday gift for anyone who would like the fastest, easiest way to tape their favorite shows — even if they have a cable box. Simply punch in the VCR Plus+ numbers found in *TV Guide* and newspaper listings, and VCR Plus+ does the rest!

And now with the new CallSet feature, setting up the unit to work with your equipment is just as easy. Just call our toll-free number and audio tones sent over the phone set up the unit in seconds.

But that's not all. The CallSet unit sill gives you all of the great features that have made VCR Plus+ the number one choice for VCR programming.

So to set up and tape in an instant, get the new VCR Plus+ Instant Programmer with CallSet.

**FOR MORE INFORMATION, CALL 800-432-8271.**

*© 1993 Gemstar Development Corporation. VCR Plus+®, CallSet™ and Instant Programmer™ are trademarks of Gemstar Development Corporation.*

CIRCLE SHOWCASE #2

## The Reference for Home Theater

*The new KEF Reference Model 90 and 100*

KEF's proprietary Uni-Q® driver, which places its tweeter at the center of the woofer, allowed KEF's engineers to create the ideal center channel speakers, the Models 90 and 100. Their uniform dispersion patterns let them be placed beautifully above or below the screen, creating the impression that the sound is coming directly from the screen. Moreover, the Models 90 and 100 are both Reference Series, which not only ensures their quality and consistency; it permits their use as satellites and their seamless integration with other KEF Reference and Q-Series Loudspeakers. *For more information and the name of the KEF dealer near you call* 1-800-859-7232.

**KEF Electronics of America, Inc.** 89 Doug Brown Way Holliston, MA 01746

CIRCLE SHOWCASE #3

THE SUMMER CONSUMER ELECTRONICS SHOW AGAIN OPENED ITS DOORS TO THE GENERAL PUBLIC IN CHICAGO ON JUNE 6, 1993.
IF YOU WERE THERE - GREAT. IF YOU WEREN'T THERE, WE'VE GOT THE NEXT BEST THING...

**Full color, new products and manufacturer information. Published by VIDEO Magazine.**

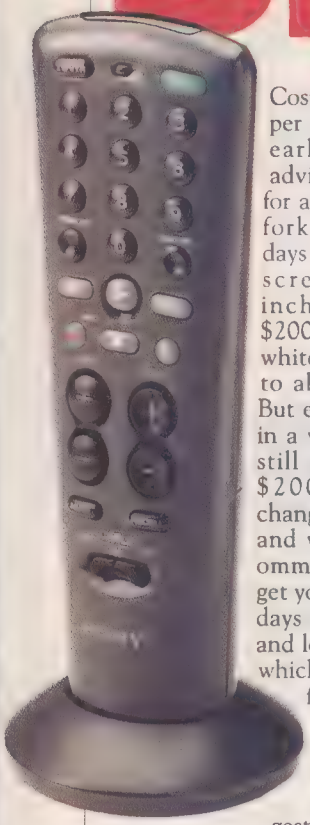
*Send only $9.00 plus $1.00 handling to:*
*GUIDEBOOK, VIDEO Magazine, 460 West 34th St., New York, NY 10001.*

THE OFFICIAL 1993 INTERNATIONAL SUMMER CONSUMER ELECTRONICS SHOW GUIDEBOOK

CIRCLE SHOWCASE #4

# BREAKING The Gift Barrier

*Unique, offbeat, irresistible gifts for videophiles for under $200*



Sony RMV11 Remote

Cosmo Topper, the dapper hero of one of TV's early sitcoms, always advised friends looking for a gift to give a pickle fork. Those were the days when a good, large screen (meaning 21 inches) cost at least $200 just for black and white. That's equivalent to about $1,000 today. But even though we live in a video age, there are still great gifts costing $200 or less, spare change in Topper's time, and we're going to recommend a few. They'll get you through the holidays with cash to spare, and leave you wondering which of them to reserve for yourself.

We're sticking to hardware here, and we're going to use the list or suggested price of $200 as a ceiling. Like lux, list means different things to companies. In practice, most of the products described below can be found for 10 to 40 percent less than their list prices. The suggestions range from a full-fledged VCR to clever remotes and nifty accessories, even a couple of out-and-out gadgets. Most will fit in a large stocking.

•

RCA's WHP101 Cordless Headphones

You can start by unleashing someone's creativity with the **Videonics Boing Box Sound Effects Mixer** ($180), an easy-to-operate sound effects generator and three-channel audio mixer. It produces 50 digitized natural sounds, plus tunes and arcade sounds, all of which can be modified for thousands of possible effects. A digital sequencer and auto play mode combine sounds in sequences.

•

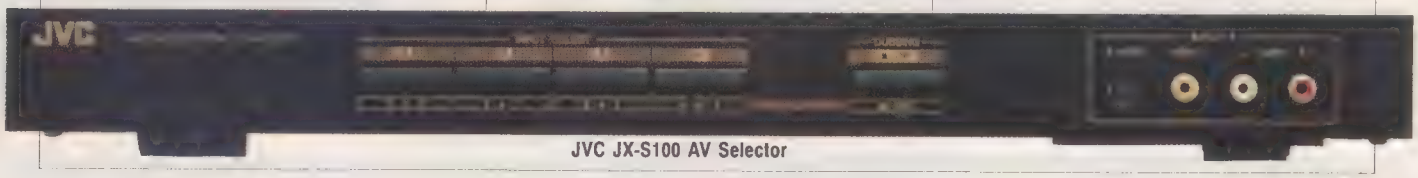
If it's time to cut the cord, consider **RCA's WHP101 and ProScan's PSWH100 cordless stereo headphones**. At $149 and $159, respectively, they're ideal for spouses with a propensity for late movies while the other likes to sleep. Both use the new reduced-interference 900 megahertz radio band for clear sound. They work within a range of 100 feet, and they're rechargeable from bases that double as storage stands. Both include hook-up cables that will match virtually any TV or audio system.

•

So the dog ate your best friend's remote? Get him, or her, **Sony's RMV11 Universal Remote**. Few brand names can match its $20 price, or style. It looks like a bold exclamation point, which makes it easy to find, and the big buttons and logical layout will help you run a TV, a VCR and a cable box.

•

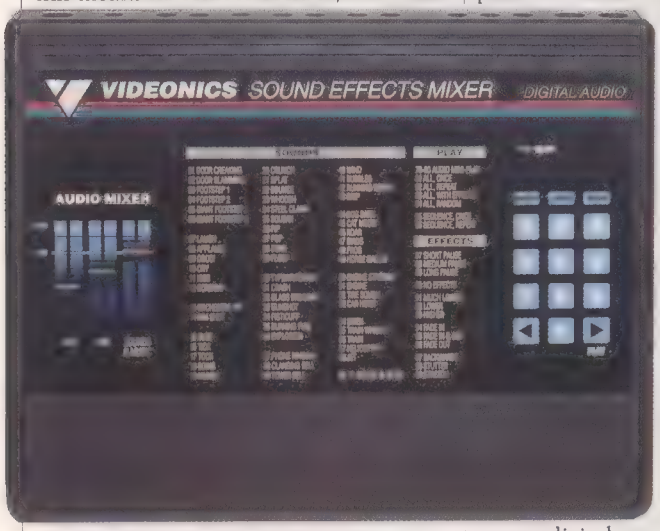
Anyone whose TV lacks enough inputs for their VCR, laserdisc player and cable box needs a switcher, or a whole lot of patience. **JVC's JX-S100 AV Selector** ($125) turns the unruly octopus behind TVs into an orderly network of cables. Four inputs and dual outputs organize and simplify nearly any video sys-




JVC JX-S100 AV Selector

Sony SPK-FX1 and SPK-TRA Sports Packs

tem. It also includes front-panel camcorder jacks, three audio jacks, and S-video jacks for upgraded formats. The passive design eliminates the need for an extra power outlet, or active circuitry that might degrade signals. Of course, this means no remote control, but it still beats playing find-the-wire with every source change.




Videonics Boing Box Sound Effects Mixer

•

Camcorders are notoriously hydrophobic, but people are hydrotropic. We love pools, beaches, boats and romantic rainy afternoons. **Sony's Handycam Sports Packs**, the SPK-TRA for TR series camcorders and the SPK-FX1 for FX models will give you wet videos from dry camcorders. Priced at $200 and $180, respectively, the cases protect most Sony camcorders from weather, surf and splashes. Other camcorder companies also sell sports packs for some models.

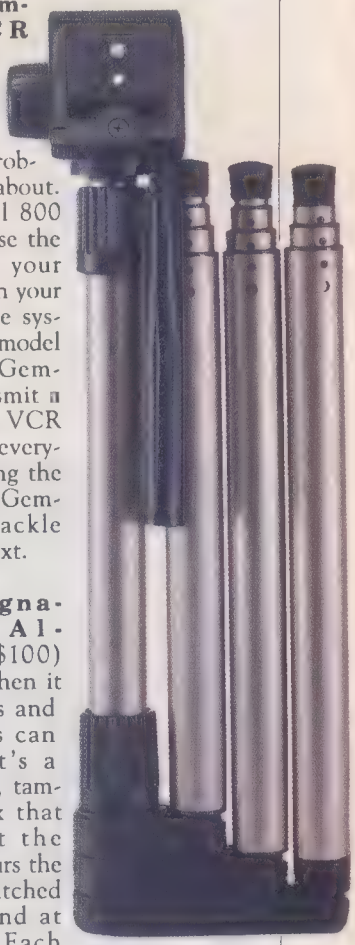
•

**Panasonic's Omnivision PV-2301 VHS VCR** is $199. This is not a typo. It's an honest-to-goodness, brand-name VHS VCR for less than $200. Granted it's a two-head model not meant for demanding videophile use, but you don't have to crank it by hand to get a good picture. It uses on-screen displays, and has a 181-channel, cable compatible tuner, digital auto tracking, and a real-time counter with time search, which makes it a good dubbing machine. Even better, it includes a simplified version of Panasonic's easy-to-use Program Director remote. If you know someone who needs a second VCR so the children can record Barney, the PV-2301 does a fine job recording the color purple. Since there's not much profit in this for a dealer, be prepared for the salesperson to try to talk you into a costlier model.

•

When former President Bush complained about a nation of VCRs flashing "12:00," Gemstar leaped into action. The original VCR Plus helped users program VCRs by entering simple number codes published in *TV Guide* and daily newspapers. But it still required setting the clock and calibrating for local TV channels or cable systems. Now, thanks to **Gemstar's VCR Plus with CallSet** ($60), President Clinton has one less problem to worry about. Dial a special 800 number and use the tone keys on your phone to tap in your zip code, cable system and VCR model number and Gemstar will transmit a signal to the VCR Plus that sets everything, including the clock. Maybe Gemstar should tackle health care next.

Sunpak Remote Control Auto Pan Head



Fold-Away Tripod

•

The **Magnavox TV Allowance** ($100) proves that when it comes to kids and TV sets, less can be more. It's a programmable, tamper-proof box that lets you set the number of hours the TV can be watched each week and at what times. Each family member receives a numeric code that allocates viewing or videogame time. It won't interfere with remote controls and it will keep your kids away from *NYPD Blue*, if that's what you want. ▸

•

**Video Amigos:** Toby Terrier in his onscreen form, Gemstar's VCR Plus with CallSet and Panasonic's PV-2301 VCR.

**Panasonic's PV-PG100 LCD Program Director remote control** ($49) originally only came with Panasonic VCRs. Now it's available *a la carte*. It's the easiest VCR programming remote on the market. It uses six separate LCD readouts—for date, start and stop times and channel—and dials to set the LCDs. When you get the settings right, press transmit and the deed is done. The remote works with more than 100 models of VCR from most major manufacturers. It even offers the element of surprise because, packaged as a gift, it looks like just another pen and pencil set.

•

No serious videophile should be without **A Video Standard, Reference Recording's LD-101 laser test disc**. This 30-minute, $70 CAV laserdisc contains dozens of video and audio test and calibration signals plus stunning video clips. It helps in setting up a home theater system and, while the test patterns are professional, the presentation is fun. One viewer we know used it to prove his TV was out of kilter to a service technician who denied there was a problem, but even casual viewers will get a kick out of this disc.

•

Nothing beats a tripod for rock-stable videos, but most tripods are as difficult to tote as a sack of toys. **Coast's Mohawk MTD-2150 Fold-Away** ($100) emulates much more expensive models by collapsing to a flat, compact package. At 5 by 14 inches, it easily hides in an attache case and some camera bags. For awkward spots, it converts to a 62-inch monopod.

•

To help someone star in his or her own videos, give **Sunpak's Remote Control Camcorder Auto Pan Head** ($175). Then he or she will just need to attach the camcorder and walk away. Use the supplied remote to aim the camcorder from across a room. It's an ideal hands-off solution for many a picture.

•

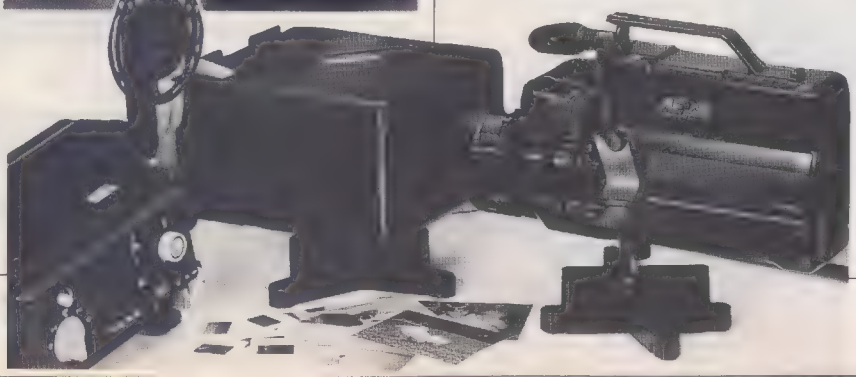
While there are plenty of inexpensive clip-on lights, the **Cool-Lux U3 Tri-Lite** ($199) will professionally illuminate your videos. It incorporates three separate lights—using tungsten, halogen and quartz lamps—in a single, compact and rugged housing. The lights can be used independently or together, and come with a choice of color temperatures and filter gels. A permanent friction yoke facilitates pans and tilts.

•

For something new in video pets, consider **Toby Terrier and His Video Pals**. Through a special receiver on his collar, Toby reacts to instructions coded into the luminance signal of special videotapes by puppeteers Sid and Marty Krofft. Toby talks, laughs, barks, growls and even moves in time to the music. Toby, who's a stuffed animal, and a starter tape are $50, with additional tapes costing $12.99 each.

•

**Nady's 151 VR wireless microphone** ($200), with a 250-foot range, will make your camcorder audio sound as powerful as your zoom shots look.



**Light Diversions:** Cool Lux's U3 Tri-Lite, shown with a daylight filter, adds flexibility to camcorders, and Ambico's Deluxe Video Transfer System makes it easy to convert films and slides to video.

Place the mic on a stage and you can shoot from the back of a hall with sonic clarity and presence. Nady specs match the best hi-fi camcorders. Of course, you'll need two mics for stereo.

•

Known to pros as a telecine, the **Ambico V-0650 Deluxe Video Transfer System** ($90) helps you transfer old home movies and 35mm slides to video using your camcorder. The initial investment may seem high, but it's cheaper than sending out even a few rolls of film to a professional transfer lab. What better gift for mom and dad than an easy way to watch videos of your childhood follies? The Ambico handles 8mm, Super 8mm and 16mm film projectors.

•

**Radio Shack's 16-119 Everything black-and-white portable TV** ($120) should please anybody, especially if he or she's 16 or under. The video boombox combines a 4-1/2-inch TV with an AM/FM stereo radio, a stereo cassette player and dual four-inch speakers. It runs off AC, eight D cells or a 12-volt adapter.

•

Camcorder batteries won't die prematurely with the **Cool Lux Olympic FCR 2.5 Battery Reconditioner** ($150), which the company says will extend the life of nickel-cadmium batteries from 300 to 3,000 charges. It's adjustable voltage and array of supplied adapters will work with just about any NiCd battery. A "tapering down" charge prevents the thermal overload that prematurely ages batteries, and the FCR 2.5 senses reverse voltage, another NiCd death threat. It keeps batteries trickle-charged so they're always fully charged when needed.

•

Unwrapping the cylindrical ferrite beads of **TDK's Digital Noise Absorbers** ($15 for a package of two) probably won't draw a shout of joy from anyone who receives them. But that will change when the beneficiary clamps them onto interconnect cables and power cords near the TV. They visibly and audibly reduce noise and interference.

•

Whether that special someone on your list owns one VCR or half a dozen, a tape winder will extend their lives. With **Radio Shack's 44-1201 VHS tape winder and 44-139 8mm winder**, you can watch the second half of your double feature while the first rewinds. Priced at $30 and $40, respectively, both models wind in either direction. They softly eject tapes when they're finished, while a digital counter tracks the tape's progress. The 8mm model can also be powered by a standard NP-55 camcorder battery, making it ideal for use on trips.

•

Sometimes it's the little things that count, like keeping your VCR heads clean, especially from rental tapes that can pollute like the Exxon Valdez. **Scotch's VCR Head Cleaner Plus** ($13) will keep the picture from looking like it was sent from a NASA space probe. It's the easiest to use head cleaner around. The instructions are recorded on the tape—just watch the TV screen after you insert the tape. It uses no messy fluids, can't snag or break video heads, and cleans the entire tape path on every fifth use. ■

TECH TIP

### *Tripod trickery*

It's possible to have both the stability of a tripod and the quick mobility of a monopod on a shoot without having to carry both. You can convert your tripod into a monopod by retracting two of its legs and balancing on the third. It's a little heavier than a regular monopod, but much more convenient than toting two pieces of equipment.

Jim Readey
Concord, New Hampshire


IS THERE SOMETHING TELLING YOU TO CHANGE YOUR BATTERY?

Have you noticed that your old camcorder battery just isn't holding the charge it used to?

It's not your imagination. All nickel-cadmium batteries are plagued with "memory," which reduces their capacity every time you recharge them before they're fully drained.

Don't just change batteries, switch. To the revolutionary NoMEM™ Battery from Lenmar. It has no memory, so it'll give you a full charge every time, from any level. And it works with your current battery charger.

Don't wait for that nagging "low battery" message again. It's not just telling you to change batteries. It's telling you to switch to a NoMEM.

For your nearest Lenmar Battery dealer, and a catalog of our other camcorder performance products, call toll free: 800/424-2703

Circle 15 on Reader Service Card.

# POWER PRESENTS

*High-tech ideas, from speakers to tweakers, for under $1,000.*

For most people, a $200 Christmas gift is pretty thrilling. But research tells us that *Video Magazine* readers are a demanding crowd when it comes to technology, so we're also suggesting a few gifts for those with more ambitious agendas. Any one of the following products, all priced below $1,000, is guaranteed to make this a great holiday season for that special video or audiophile in your life.

I always thought videophiles were obsessed with picture quality, but we routinely talk to readers who do most of their recording in VHS at the EP speed. Oh well, as the song says, "It's your thing, do what you wanna do." If you do like to tape in EP, the ideal VCR for you is **Sharp's VHS hi-fi VC-H98U** ($549), which has an extra set of heads with 19-micron gaps optimized for maximum picture quality at the EP speed. You'll get nearly as good a picture as at SP, and recording *Seinfeld* will only chew up about 25 cents worth of tape.

Even with all the hoopla about home theater, few speaker manufacturers have offered models specifically designed for the surround channels. **Atlantic Technology's 254SR surround speakers**, however, represent the company's second dedicated surround effort. And they have more power handling than Atlantic's Pattern 150 system. At $299 a pair, the 254SR uses a four-inch, long-throw woofer to handle low frequencies, with 3-1/2-inch midrange drivers wired out of phase and pointed at angles to the woofer. Slap a couple up on your side walls and you'll get state-of-the-art surround for a department-store price. The 254SR can be used on stands, a bookshelf, on the wall, even in-wall using a $99 mounting kit. The speakers will be available in early December.

Many Dolby Pro-Logic decoders tend to strip out the sonic detail you get with top-quality audiophile electronics. **Rotel's RSP-960AX A/V preamp** ($599) is a step in the opposite direction. Audiophiles have praised this company's affordable amps and CD players, and the RSP-960AX was obviously built to the same high standards. This device has S-video/video/audio inputs for a laserdisc player and two VCRs (with tape loops), plus an audiotape deck input and output and an auxiliary input.

**Two for the Den:** Atlantic Technology's 254R surround sound speakers (above), and Sharp's VC-H98U VHS VCR, which maximizes EP recording quality.

**Onscreen, On Disc:** *Deluxe Paint 4* screen with animation controls, and Pioneer CLD-M401 combi player.

With all the controls you need—and nothing more—on the front panel and the remote, the RSP-960AX offers the elegance and simplicity that are two of the real charms of audiophile gear. It has Pro-Logic and three music surround modes. Best of all, the sound sparkles, with an extra touch of realism matched by few Pro-Logic products.

•

Subwoofers are always a good idea for home theater, because even large speakers often can't reproduce the intense lows of action-movie soundtracks. But getting a subwoofer to blend with your existing speakers usually takes weeks of positioning, adjusting and tweaking—and sometimes it *still* doesn't sound right. **Yamaha's YST-SW500 subwoofer** ($849) makes the task as easy as possible. It's the first sub we've seen with its own remote control. It has an eight-inch driver, an integral amp and one of the industry's most versatile crossovers. From the remote or the front panel, you can set the crossover point from 40 to 140 Hertz, switch the phase, adjust the output level, and even hold three custom settings in memory—like one for movies, one for jazz and one for rock. This sub should integrate well into almost any system, and will fascinate technically minded friends.

•

You can actually get into desktop video for less than $1,000 if you start with a $600 **Amiga 600**, a basic machine with a floppy disk drive and one megabyte of RAM. Add an inexpensive genlock, like **Progressive Peripherals' MiniGen** ($200). This will let you get composite video signals into and out of the Amiga, and overlay graphics on live video. Then pick up **Electronic Arts' Deluxe Paint 4** ($149), a versatile paint program that lets you create animated titles and graphics, and even primitive morphs.

•

We didn't know what to think when RoomTunes head honcho Michael Green brought us **The Room Tunes Video Clamp Rack**, an unusual-looking rack designed to hold a direct-view TV, a laserdisc player and a VCR. While he assembled the rack, Green explained that it channels vibration away from the components by clamping them from the top and bottom. Green claimed we'd experience a significant improvement in picture and sound.

We know the concept works with high-end audio gear, but we were skeptical about its effect on video. Lo and behold, clamping a Sony MDP-600 combi player into the rack and placing our Panasonic 31-inch Gaoo TV on Green's vibration-channeling brass cones produced a noticeable improvement. (It probably won't help expensive players like Pioneer's CLD-97 as much, though, because most have massive chassis designed to do the same thing.) The $345 rack comes in black, white, light gray and charcoal gray, and in any of 30 custom colors for $50 extra. For more info, call 216-852-2222.

**Better Blender:** Yamaha's YST-SW500 subwoofer may be the first with its own remote control.

•

At a mere $200, **Audio Alchemy's DAC-in-the-Box D/A converter** is by far the least expensive stand-alone digital-to-analog converter ever made. Why would you want one when your laserdisc player already has a D/A convertor? Because until recently, few manufacturers put much effort into laserdisc player sound. While we've yet to try the DAC-in-the-Box, we've used Audio Alchemy's $399 DDE-V1 for months, and found it offers smoother sound than most laserdisc player D/As. The company says the new converter sounds better. Call Audio Alchemy at 800-262-8346 for your nearest dealer.

*continued on page 86*

# $14.98 FEVER

*Crowd-pleasing cassettes for even the tiniest holiday budgets.*

Had Jeane Dixon predicted 10 years ago that classic movies would soon cost less at retail than music, even *The National Enquirer* would have been loathe to print it. But that's exactly what's happened: Compact discs of the Beatles' *Abbey Road*, Frank Sinatra's *Greatest Hits, Vol. 1* and *The Essential Louis Armstrong*, for example, each carry a list price of $15.98; videocassettes of *The Graduate*, *Sunset Boulevard* and *Play it Again, Sam* — to name but a few — now go for $14.98 or less.

Welcome to the age of affordable video software. Virtually every major supplier has recently mined the vaults to offer beloved movies and television shows on cassette at prices below $15. In recognition of this momentous price break — and just in time for the holiday gift-giving season — we asked several *Video Magazine* staff-members and contributors to select their personal favorites in the under-$15 category (selections range from $9.99 to $14.98), and to tell us why they'd like to find these selections under the tree this year. (For additional recommendations, see the sidebar on the opposite page.) And remember,

most of the lucky folks on your holiday shopping list will never suspect you got change back from a twenty.

**American Graffiti (MCA/Universal).** For a bunch of California teens, one night in 1962 marks the autumn of their discontent: College looms ahead, the opposite sex remains elusive and, according to one hot-rodder, "Rock 'n' roll's been going downhill ever since Buddy Holly died." But, despite its Life Lessons, George Lucas' shoestring-budget *American Graffiti* is one of the most entertaining films of the '70s. And its fresh-faced cast—Richard Dreyfuss, Ronny Howard, Cindy Williams, Harrison Ford, and glimpses of Tom Berenger, Suzanne Somers and Kay Lenz—would become house hold names. Trivia bonus: Checkout the plates on Paul Le Mat's rod. **—APB**

**Bang the Drum Slowly (Paramount).** It wasn't his first movie, but Robert DeNiro first caught public attention in 1973's *Bang the Drum Slowly* as a dull-witted, second-rate baseball player who doesn't know that he's dying of Hodgkins' disease. When teammate Michael Moriarty discovers DeNiro's condition, he determines to help make his last season memorable. DeNiro's uncanny ability to immerse himself in a character was already apparent, though Moriarty (whose career didn't go as far) is just as good. Set in the late 1950s, before professional baseball became an overpaid circus, this beautifully rendered film successfully resists all the TV-movie cliches it suggests. **—MF**

**Bringing Up Baby (Turner).** If you can say "intercostal clavicle" without smiling, it's been entirely too long since you've seen *Bringing Up Baby*, the funniest screwball comedy ever made. Like *Duck Soup* and *It's a Wonderful Life*, it was a flop when first released (in 1938). The Great Depression must *really* have been depressing if audiences couldn't laugh at staid zoologist Cary Grant's troubles with heiress Katherine Hepburn and her pet leopard Baby. Every member of the supporting cast (including Asta the dog) is a singular joy, and director Howard Hawks makes the whole mad whirl look effortless. An encyclopedia of comic art that gets better every time you watch it. **—MF**

**Combat!: "S.I.W." (GoodTimes).** Mention *Combat!* to anyone born after 1955 and you'll probably get a blank stare. But the 1962-1967 series was a huge hit in its day and no wonder: The darkly heroic, gritty "war is hell" drama was developed by filmmaker Robert Altman (who also directed more than a dozen episodes). What makes *Combat!* gripping is not its well-executed action, but its focus on the people and the horrible sacrifices they make during the war. Of the six episodes on tape, "S.I.W." is probably the best example of the series' gray morality, with underground filmmaker John Cassavetes playing a man who may or may not be a coward.**—TS**

**The Conversation (Paramount).** A "small" film in all the best senses of the word, *The Conversation* is Francis Ford Coppola's masterpiece, made in 1974 at the height of the director's powers and reputation. Gene Hackman is excellent (even by his high standard) as a freelance surveillance expert, a moral man in an immoral business. Years of repressed guilt burst forth when he realizes that the recording he made of a private conversation may provoke a murder. Concise, precise, and technically brilliant, particularly in Walter Murch's dense sound design. After so many overproduced failures, it's gratifying to be reminded how good Coppola can be when his "epic" propensities are held in check. **—MF**

**Funny Face (Paramount).** With fashion edicts like "Think pink if you want that *quelque chose*," *Quality Magazine* certainly lives up to its title. And in seeking its "Quality Woman," photographer Fred Astaire unearths a perfectly *Funny Face*—a frump from a Greenwich Village bookstore. Who knew that this shapeless philosophy maven would turn out to be luminous Audrey Hepburn? And that she and Astaire would be smitten in Paris, and croon Gershwin tunes like "S'wonderful?" It's a kitschy Technicolor delight, thanks to Stanley Donen's direction and eye-popping staging, as well as the contributions of a "special" vis-

*This story was written by April P. Bernard, Bruce Eder, Michael Faust, Kenneth Korman, Sol Louis Siegel, Tom Soter and Jon Young.*

## MORE CHEAP THRILLS

Holiday shopping has never been easier. No matter what the tastes of your friends and loved ones, there's now an appropriate gift at the local video store for less than $15. What follows is a selected list of these unprecedented bargains. For detailed information on any of these titles, consult a film or video reference book like Leonard Maltin's *TV Movies* or Mick Martin's and Marsha Porter's *Video Movie Guide*—a variety of guidebooks are widely available in stores.

**ALL-TIME FAVORITES**
Amadeus (Republic)
Dracula (1931, MCA/Universal)
The Graduate (New Line)
M*A*S*H (FoxVideo)
Notorious (FoxVideo)
One Flew Over the Cuckoo's Nest (Republic)
Raiders of the Lost Ark (Paramount)
A Room With a View (FoxVideo)
Sunset Boulevard (Paramount)
Top Hat (RKO)

**ACTION/ADVENTURE**
The China Syndrome (Columbia TriStar)
Conan the Barbarian (MCA/Universal)
The Hunt For Red October (Paramount)
Indiana Jones and the Last Crusade (Paramount)
The Road Warrior (Warner)
Rocky (MGM/UA)
Rollerball (MGM/UA)
Top Gun (Paramount)

**COMEDY**
Blazing Saddles (Warner)
House Party (Columbia TriStar)
The Pink Panther (MGM/UA)
Play It Again, Sam (Paramount)
The Producers (Columbia TriStar)
Ruggles of Red Gap (MCA/Universal)
This is Spinal Tap (New Line)
Wayne's World (Paramount)

**DRAMA**
Atlantic City (Paramount)
The Big Chill (Columbia TriStar)
Carnal Knowledge (New Line)
The Cotton Club (New Line)
Days of Heaven (Paramount)

continued on next page

continued from previous page
Five Easy Pieces (Columbia TriStar)
Gallipoli (Paramount)
Ghost (Paramount)
Harold and Maude (Paramount)
Imitation of Life (MCA/Universal)
Interiors (MGM/UA)
The Last Detail (Columbia TriStar)
The Lion in Winter (Columbia TriStar)
Ordinary People (Paramount)
The Onion Field (New Line)
Roman Holiday (Paramount)
Runaway Train (MGM/UA)
Serpico (Paramount)
Terms of Endearment (Paramount)

**WESTERNS**
The Life and Times of Judge Roy Bean (Warner)
The Man Who Shot Liberty Valance (Paramount)
McCabe and Mrs. Miller (Warner)
Shane (Paramount)
Silverado (Columbia TriStar)
Ulzana's Raid (MCA/Universal)

**THRILLERS**
Bad Influence (Columbia TriStar)
Double Indemnity (MCA/Universal)
Fatal Attraction (Paramount)
The Ipcress File (MCA/Universal)
Marathon Man (Paramount)
The Seventh Victim (Turner)
Spellbound (FoxVideo)
To Catch a Thief (Paramount)
Witness (Paramount)

**FANTASY**
Willy Wonka and The Chocolate Factory (Warner)
Labyrinth (New Line)
The Princess Bride (New Line)
Willow (Columbia TriStar)

**HORROR**
Curse of the Werewolf (MCA/Universal)
Frankenstein (1931; MCA/Universal)
The Howling (New Line)
Invasion of the Body Snatchers (1978; MGM/UA)
The Lost Boys (Warner)
Phantasm (New Line)
Tarantula (MCA/Universal)
Village of the Damned (MGM/UA)
Wolfen (Warner)

**MUSIC**
James Brown: The Lost Tapes (Warner Reprise)
Roseanne Cash: Retrospective (CMV)
Bruce Springsteen: Video Anthology/1978-88 (CMV)
U2: Rattle and Hum (Paramount) ■

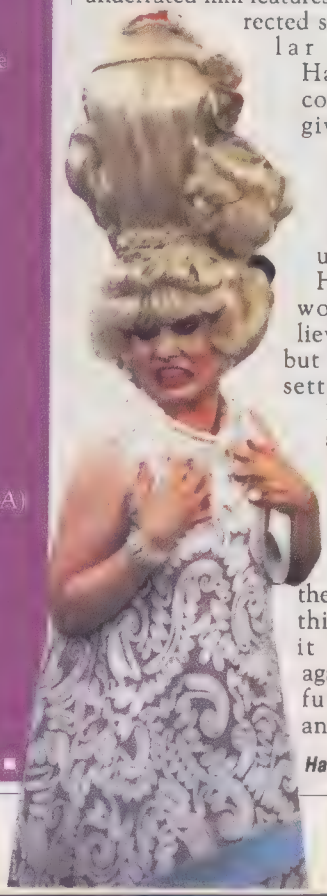
# $14.98 FEVER

ual consultant"—noted photographer Richard Avedon. —APB

**Hairspray (Columbia TriStar).** For less than the cost of a shampoo, trim and blow-dry, "hair-hoppers" can watch and learn from 1988's *Hairspray*, John Waters' affectionate and kooky look at a 1960s dance show—and the perfectly coiffed characters who pony, mashed-potato and shake their tail feathers across its WZZT set. Ricki Lake is our chubby but cheery heroine, Tracy Turnblad, who believes Baltimore would be a better place if only *The Corny Collins Show* was integrated. With a supporting cast that includes Divine, Mink Stole and Debbie Harry, plus truly golden oldies from The Lafayettes, Gene Pitney and more, *Hairspray* is no tease—it delivers. —APB

Inexpensive, Not Cheap: Holiday bargains include *The Incredible Shrinking Man*, *Bringing Up Baby* (below).

**Hoosiers (LIVE).** This touching, underrated film features a beautifully directed script and a stellar cast: Gene Hackman as the coach who never gives up, Oscar-nominated Dennis Hopper as the drunk who *has* given up and Barbara Hershey as the woman who believes in everyone but Hackman. The setting is Indiana, 1951, and the subject is a small-town high-school basketball team that wants to go to the top. And if you think you've seen it before, guess again—*Hoosiers* is funny, touching and even inspirational. It's entertainment with a message: If you give people a chance, they may surprise you. —TS



*Hairspray*

**Hope and Glory (Columbia TriStar).** *Hope and Glory*, maverick filmmaker John Boorman's semi-autobiographical account of his childhood in London during World War II, is both his least typical and most successful film. Rather than dwell on the horrors of war (implicit in the film's older characters), he shows us the heady excitement of life for a nine-year-old boy during the Blitz, a time when the entire world seemed to be turned on its head. The film ebbs a bit in the second half when it moves to the countryside, though it gains Ian Bannen as the boy's crusty grandfather.

*continued on page 86*

# Our TV/VCR Combos.
# A Simple Plug For Convenience.

In a world that seems to get more complicated every day, Samsung's TV/VCR combinations are one way it's getting easier.

Since each set is a TV and VCR in one, all you do is plug them in. There are no wires to get tangled up in, so everyone loves them—especially older folks. And they're great space-savers.

These versatile units offer all the convenient features you want. Including on-screen programming, auto-rewind and full-function remote.

Plus, they have front-mounted jacks so you don't have to move any furniture to plug in your camcorder or video games. (No wonder we received a 4-star rating from Video Review.*)

Ranging in size from 13 to 19 inches, the combos are ideal as a second set in the bedroom. Or in the kids' room. The kitchen. A work room. Even a weekend retreat. And they'll look good wherever you put them.

Our TV/VCR combos. Another way Samsung combines outstanding quality with exceptional value.

Nothing could be simpler or more convenient.

That's why we're plugging them.

TECHNOLOGY THAT WORKS FOR LIFE

SAMSUNG ELECTRONICS

Samsung Electronics America, Inc., 105 Challenger Road, Ridgefield Park, NJ 07660. For more information, please call one of our zone offices: East (201) 229-4000; West (310) 537-6791; Midwest (708) 916-2230; South (404) 956-0800. *Video Review, May/June '93

# SAMSUNG. BECAUSE PEOPLE ARE BUYING WISE.

Circle 16 on Reader Service Card.

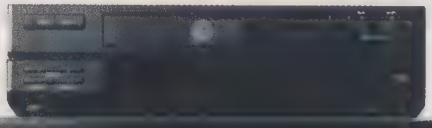
BY GEORGE MANNES

# SMART SCREENS

Every solution creates a new problem. Years ago, viewers were frustrated and disappointed by the paucity of choices available on a television system dominated by three large networks. Cable systems with 40 channels or more, and an extra network, have added many new programs. But within a few years, systems bearing hundreds of channels will become available.

When this happens, the problems viewers will face will be those of finding and keeping track of the shows they like within a TV universe offering thousands of options. Many viewers already feel they have to keep track of too many channels. Is TBS on 26 or 27? Is this Lifetime or USA? Which of the three public TV stations on this system carries *Inspector Morse*? When is it on? Imagine the chore of answering these simple questions from a list of hundreds of channels, with many also offering interactive services? How's a viewer to cope with the simple task of organizing night in front of the tube.

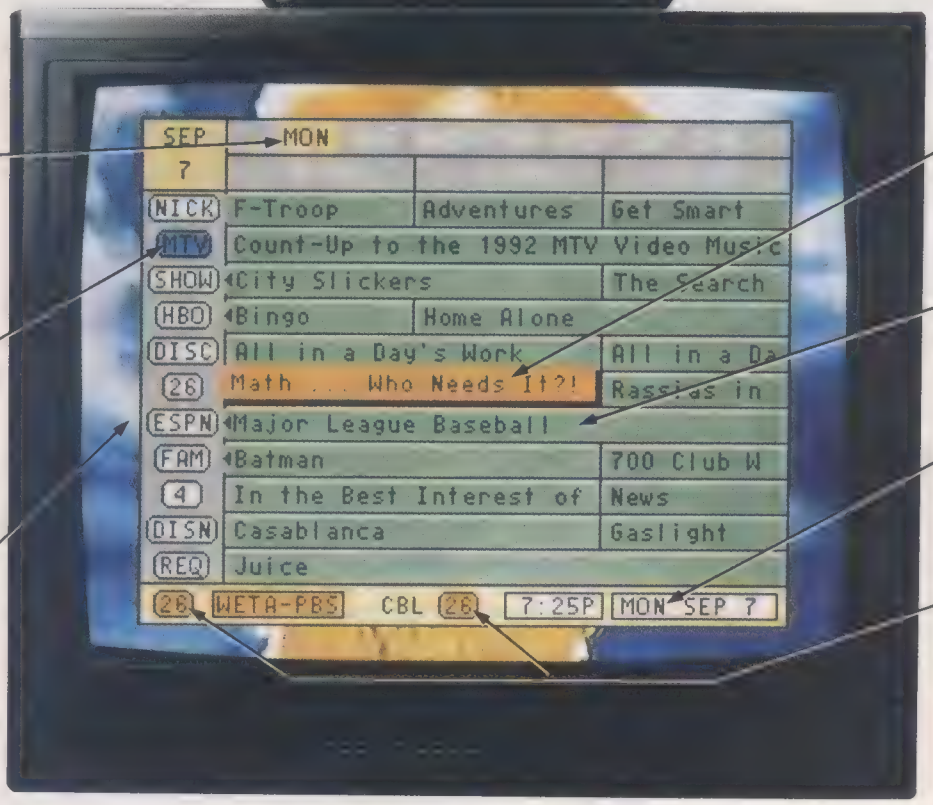
*Savvy program navigators pave the road toward 500-channel TV.*



The answer lies in the research being conducted by an array of companies struggling to unscramble the problems presented by mega-channel TV systems. The companies are developing a new type of program guide that will be onscreen and, in varying degrees, interactive. The guides, also known as personal navigation systems, are being designed to make it easy, or at least practical, for viewers to sort through the myriad options that will be presented by high-capacity cable systems: not just subscription channels, but also pay-per-view movie and home-shopping channels.

Cable operators know subscribers will turn away from television if they can't easily find their way through the program listings. When listings multiply—as they soon will—clear, simple, fast program guides will be essential.

The key part of all the navigation systems being developed seems to be the program grid. In most cases, it resembles the charts you might see in a news-




*Screen shows 90 minutes of programs at a time for up to seven days.*

*Screen highlights the channel to which the TV is tuned.*

*Channel list can be customized by each viewer. Page-up and page-down controls access more channels.*

*System can provide additional information about any program.*

*System can record any selected program at a button's touch.*

*Screen displays current time and date.*

*Channel numbers end confusion about cable and TV equivalents.*

**Star Struck:** StarSight's program grid displays TV shows with date and time information, channels and calendar.

paper's primetime TV listings, except it's meant to be displayed on your TV screen. The navigators will let you search for programs using general categories, as well as channels and time periods. If you see a listing for a show that looks interesting, all you'll have to do is select the title and your TV will tune to the channel.

The companies creating these new navigators share a common vision of the money they believe can be made. Bruce Davis, president of TV Guide On Screen, estimates that consumers will spend $400 million a year on navigation systems by the end of the decade. Not bad when you consider they're spending next to nothing for them now. Several systems are in the works. Here's a roundup of what they'll offer and when they'll be ready:

## STARSIGHT

StarSight Telecast, based in Fremont, California, and partly owned by the cable TV giant Viacom, has created a system intended to offer easy recording features as well as navigation. The system is based around a grid that shows 90 minutes of programs at a time. Users can scan program information seven days into the future.

If you highlight a show on the grid, using a Starsight remote control, you can get a capsule description of its contents. If you want to watch the program, you can push a button on the remote and switch to it directly. If you want to record a show in the future, you can do that, too, with the push of a button that automatically sets your VCR. (StarSight hardware will have an infrared emitter to turn on the VCR at the right time and tune it to the correct channel.)

If you're channel-grazing, each time you tune a new channel, you'll see a display that includes the name of the program, a capsule description, the channel name, and the time remaining in the program.

StarSight lets you scroll through a list of all the programs coming up on a channel. It also lets you search for current and future shows by theme, starting with about 10 categories, including Movies, Specials/Miniseries, Entertainment/Variety, and Action/Mystery/Horror. A viewer can also select subcategories. In the Sports category, for example, you can further narrow your search by using such headings as Sports Talk, Football, Tennis and Wrestling.

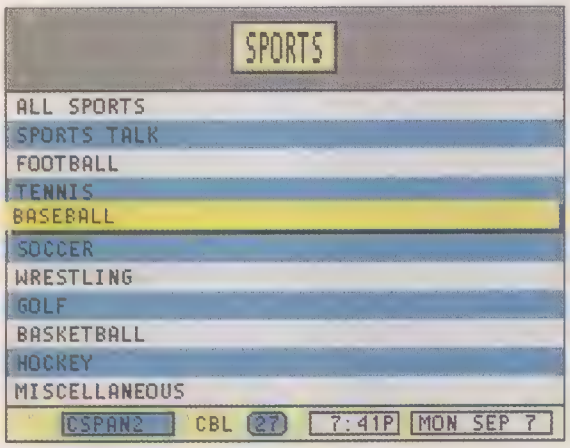
The StarSight service could be offered to the public early in 1994. At press time, StarSight Telecast was planning to start limited operational testing of its navigator late this year as part of Viacom's experimental cable system for 12,500 subscribers in Castro Valley, California.

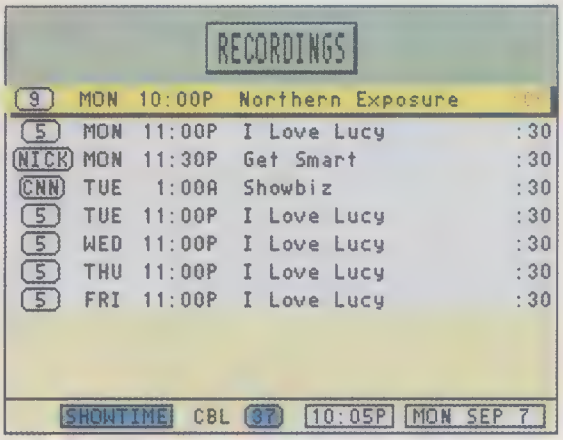
To receive StarSight, you'll need to subscribe to the service and possess special decoding equipment. StarSight expects a subscription to cost $4 a month at most, and probably less when offered through a cable company. StarSight says it has commitments from cable systems to offer the service to about five percent of the nation's cable customers, about 3.3 million households, and StarSight will offer its service directly to those who don't subscribe to cable, or whose cable operators don't offer StarSight.

StarSight receiving circuits will be built into TVs, VCRs, cable boxes and a stand-alone decoder. Zenith, the first consumer electronics company to ally itself with StarSight, plans to ship the first StarSight-capable TVs to dealers early next year. Other components are expected from Goldstar, Mitsubishi and Samsung, although no dates have been announced.

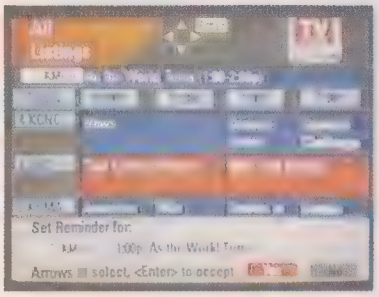
## TV GUIDE ON SCREEN

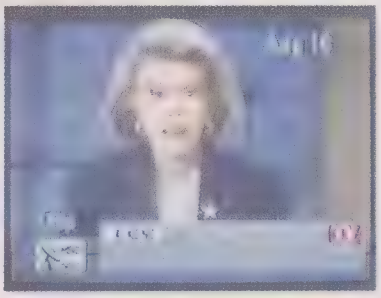
Though it has the largest circulation of any weekly magazine in the U.S., *TV Guide* knows it could be left in the dust by 500-channel cable systems. That's why the company has formed TV Guide On Screen with cable company Liberty Media, an affiliate of Tele-Communica-

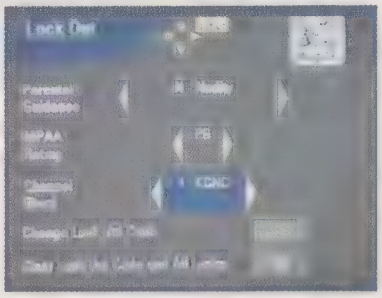



**Search and Record:** StarSight screens also let viewers find programs by category and subcategory (left), and keep track of shows they plan to record (right).





**Action Menus:** TV Guide On Screen, uses a program grid (left) and an information bar (center), and lets parents restrict access by using MPAA ratings (right).

**Data to Spare:** Screen displays for planned program grid by Prevue Networks shows nightly viewing lineup (top) and a movie trailer with additional information (above).

tions, Inc. (TCI), the nation's largest cable system operator. "The magazine has struggled to cope with the increase in channels for many years now," says TVGO president Bruce Davis. But it became clear that with the onset of video compression, "things were going to get a lot worse, not better."

The starting point for maneuvering through the TVGO system is to select one of its several models, such as flip or browse. In flip mode, a display runs across the bottom of the screen as you wander through channels. The display, which disappears after a few seconds, carries such information as the channel name, the show name, and its start and end time. TVGO, like StarSight, will display this information even if a commercial is on at the time.

TVGO also lets you graze through the system without having to change the channel. In browse mode, for example, the picture stays the same. It's the information display at the bottom of the screen that cycles through the channels. If a show seems interesting, you can jump right to it.

TVGO gives you other ways to navigate, including its own version of a program grid, which contains two days' worth of information. You can check the lineup on a particular channel, or just list shows by category: Movies, Sports, News and Children's Programming.

You can flip to a show that's already on, or ask to be reminded before it airs. Other features include the ability to order premium cable services through the screen, and a channel lockout keyed to MPAA movie ratings. In other words, parents can set TVGO to prevent their children from watching all R-rated movies, but permit access to PG-13 films.

One thing TVGO will not do is enable one-touch recording. "We define our business as encouraging people to *watch* television, not tape television," Davis says. Advertisers don't want people to zap commercials when they tape shows and watch them later, he explains, and cable operators don't want people recording pay-per-view movies. Although recording sounds good, he says, it's a "deception on consumers" because it can be tripped up too easily.

TVGO will be offered only through cable operators, and only through special cable boxes that will become available early next year, Davis says. The

*continued on page 92*

## TV's New ID Tags For Ads

If you think you'll have a hard time finding favorite programs in a 500-channel TV world, consider the plight of ad agencies and PR firms. They're faced with the potential nightmare of tracking thousands of commercials running on a variety of broadcast systems in hundreds of video markets. To cope, the industry has come up with a new process that adds an invisible code to any videotape or live TVC signal.

Dubbed LumaTrak, the digital technology is already at work in 75 areas around the country, automatically spotting coded commercials on local stations, network shows and cable systems. A computer collects the data about which ads are running where and delivers it to clients overnight.

LumaTrak was developed by Radio TV Reports, a New York broadcast monitoring firm, and Interactive Systems, Inc., an Oregon company that creates interactive video systems. It works by embedding minute pulses of light into the luminance portion of the video signal. The pulses, which are invisible to viewers, are modulated to create computer readable bits of data contained in every frame of video. Each piece of video, be it a 15-second ad or an hour-long infomercial, can be given a unique code, like an electronic fingerprint, that accompanies the material, however it's transmitted.

As a coded video is broadcast, the LumaTrak decoder, which is continuously scanning the TV signal, translates the pulses into data about when and where the video ran, and how long and how much of it ran.

The monitoring technology is based on the Video Encoded Invisible Light system, developed by Interactive Systems and used previously in the interactive home version of *Wheel of Fortune*. VEIL is also turning up this Christmas in *Toby Terrier and His Video Pals*, which consists of a toy dog that barks and moves according to instructions that a receiver on Toby's collar reads from VEILed codes on accompanying videotapes.

**—Frank Beacham**

# We made a projection TV for people who say they need their space.

Introducing the world's first 52″ projection TV with built-in storage. It holds your cable box, four components and up to thirty tapes. So instead of a pile of components that rivals Mount Everest, you can fit everything inside one elegant cabinet. So all you'll see on your TV is a clear, brilliant picture. And all you'll see on your floor is a rug. **Changing Entertainment. Again.™** **RCA**

© 1993 Thomson Consumer Electronics, Inc.

BY CLIFF ROTH

# Desktop VIRTUOSOS

**Hasta la VISCA**, Baby: Sony's CVD-V1000 VCR and the Vbox editing interface (right) for computers.

*A hands-on look at the Vdecks, Sony's 2 unique PC-friendly editing VCRs.*

Everyone's been talking about the merging of computers and video, but it seems like the computer guys have been doing all the work. Products like NewTek's Video Toaster, Truevision's Targa video boards and SuperMac's Video Spigot have all helped bring video to the desktop. But the major video manufacturers have played it safe, waiting for desktop video to become a major market force before they devote their engineering efforts to it.

Finally, Sony has come to the rescue with the Vdecks, two innovative VCRs designed specifically for desktop video. Both the $2,295 Hi8 CVD-1000 and the $1,099 8mm CVD-500 use Sony's VISCA (Video System Control Architecture) interface, which lets them connect directly to a PC-compatible, Apple Macintosh or Commodore Amiga computer. They look simpler than ordinary VCRs—there are no displays, no shuttle controls, no clocks, no counters, no audio level controls or VU meters. These functions are provided by the computer software.

What can you do with a Vdeck that you can't do with a normal VCR? You can use it as a source deck for multimedia presentations and databases, accessing video clips as easily as you call up files from a hard disk. You can edit videos with greater precision and ease than with a conventional VCR/camcorder setup. And this is just the beginning. As more software developers see the Vdeck's potential, we expect to see more multimedia and desktop video software incorporate VISCA.

I recently spent many hours with the CVD-1000 and several VISCA-compatible MS-DOS/Windows applications. I also investigated the Vbox, which lets VISCA-compatible software control VCRs and camcorders with LANC jacks. I then asked technical editor Lancelot Braithwaite to evaluate the Vdeck's video and audio performance. This article describes the Vdeck's configuration and the PC software that makes it do its thing. In the sidebar on the next page, we list VISCA-compatible Macintosh software.

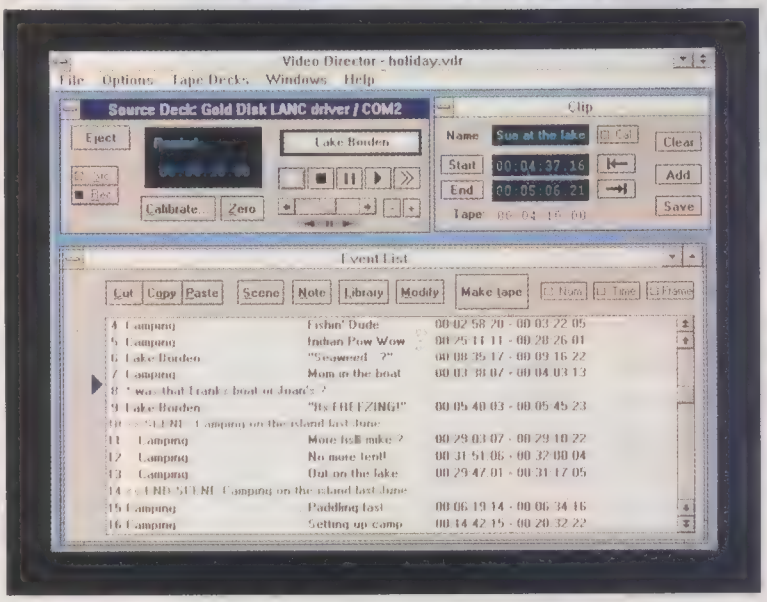
## VDECK BASICS

The Vdeck is compact (about half the size of a standard VHS VCR) and relatively light (nine pounds). A flip-open front panel hides basic transport controls. These are duplicated on a wireless remote control that also offers PCM digital audio dub, RC time code dub, input select and a camcorder-style date/time clock recording system.

Two sets of video and audio output jacks are on the rear panel. Ironically, there are four audio tracks (AFM stereo and PCM stereo) and four audio output jacks, but it's impossible to get each track out of a separate jack. Instead, using the computer software, you must select either pure AFM, pure PCM, or a variable-mix output that combines them. This arrangement is fine for simple editing projects, but professionals often need to process each track independently.

The overall editing capabilities of the CVD-1000 are very good, with one glaring exception: Like other Hi8/8mm decks, it can't do video inserts. But it does automatically record and read RC time code, and it can add time code to

**Ready to Edit:** The 8mm CVD-500 Vdeck VCR and an event list of scenes compiled on Gold Disk's *Video Director* (below), a flexible editing control program.




previously recorded tapes. It can also add new soundtracks to camcorder tapes using its PCM digital audio dub mode. You can thus edit accurately, and add synchronized music and narration to camcorder tapes that have already been shot.

The VISCA remote control jack on back is actually a serial communications connection that hooks up to a computer's serial port. Unlike other remote control jacks (like LANC), VISCA allows multiple VCRs to be daisy-chained to a single computer serial port. A tiny front-panel light indicates when VISCA communication is established.

Sony provides a Macintosh HyperCard Control Stack software disk with the CVD-1000, but this program is not a full editor—it simply controls the Vdeck's normal functions through the computer. To perform full-fledged two-deck editing, you need software from third-party vendors.

In the audio department, the Vdeck has limitations. Of the software I tested, only Homrich Communications' *EzV2* allows control of PCM audio recording level—the others left it on automatic. None of the software programs has VU level meters, and neither does the Macintosh HyperCard Control Stack. AFM recording level is strictly automatic. Sony seems to think the Vdeck should be used mainly as a playback deck for editing or multimedia work.

There's a front-panel stereo microphone jack, but no headphone jack. Combined with the lack of audio VU meters, this makes accurately setting the PCM level almost impossible. When using a microphone, you can't monitor sound with a speaker (since there'll be feedback), so you must make a test recording and play it back—a tedious ritual.

Braithwaite rates the Vdeck's overall performance very good—just a notch below Sony's top Hi8 consumer VCR, the EVS-3000. (But for editing, the EVS-3000 is not nearly as accurate, since it lacks RC time code.) The unweighted luminance signal-to-noise ratio is 44 decibels, weighted luminance S/N is 51.5 dB, chroma AN S/N is 41.2 dB and chroma PM S/N is 39.2 dB.

As you'd expect, horizontal resolution is 400 lines for Hi8, 250 for 8mm. Frequency response of the AFM audio tracks is 50 Hertz to 15 kilohertz, +0/-3 dB, with an S/N of 70 dB. PCM audio tracks offer frequency response of 35 Hz to 14 kHz, +0/-3 dB, with a dynamic range of 68 dB and 0.3 percent distortion.

## PC POSSIBILITIES

I tested the Vdeck with an IBM-compatible computer and three computer programs: *EzV2*, Gold Disk's *Video Director* and Tempra's *Media Author*. Each program serves slightly different purposes.

*Video Director* is a general-purpose, low-cost editing control system, and is the most flexible of the three programs. Besides the Vdeck, it can also work with LANC-equipped camcorders, VHS VCRs (via infrared control) and Panasonic AG-series VCRs (via Future-Video's EditLink control cards). Like an editing controller, it lets you mark the start and end points of scenes, and record them automatically onto another

tape. It even lets you rearrange the scenes after you have them marked. But when using infrared, it doesn't offer every possible editing option that the VCR it's connected to may have, and it lacks control over some of the Vdeck's features, too.

*EzV2*, on the other hand, was designed from the ground up as a Vdeck control system, so it provides the most comprehensive control over the Vdeck's capabilities. It can perform automated video/audio fades (adjustable up to 8.5 seconds), mix AFM and PCM levels, and adjust PCM recording level. But it's most useful for editing between two Vdecks, or a Vdeck and a LANC-equipped camcorder (using the Vbox).

Video editing is just one of the many functions *Media Author* can perform. It is really intended to be used as a multimedia authoring tool. In this context, it can integrate computer graphics, animations and regular video into a single, automated presentation. *Media Author* can also be used to edit from one Vdeck to another, but it can't control any other types of VCRs. The program carries a hefty $995 list price, but can often be found bundled with video frame-grabber boards, like the Matrox Illuminator-16. Such a board adds digitized special effects like wipes and chroma key to the editing capabilities. Unlike the other programs, *Media Author* works in DOS, not Windows.

With all three programs, the Vdeck is controlled directly from the VISCA jack, using an adaptor cable connected to the computer's RS-232C serial port. *Video Director* includes a special serial-port computer cable that splits into a LANC plug and an infrared VCR remote control interface at the other end. To use it with the Vdeck or Vbox and an infrared-controlled VCR, you need a second serial port.

I achieved accuracy within one frame with each program, although a bit of tweaking (trimming frame numbers on the editing system) was usually needed. The Vdeck can be used as either the source or recorder side of an editing system—I tested it both ways, in various combinations using a Sony CCD-VX3 Hi8 camcorder or a Panasonic AG-1960 S-VHS VCR as the other side of the editing system.

The Vdeck can record new audio on the PCM tracks, while leaving a previously recorded picture and AFM audio, but as noted above, its biggest problem is that it can't perform video inserts. Valiantly attempting to overcome this shortcoming, *EzV2* pieces together video and audio separately, requiring extra steps in editing, to simulate a video insert. But this feature is cumbersome to use, it can result in slightly out-of-sync recordings, and requires abandoning use of the AFM audio tracks.

The Vbox converts VISCA to work with LANC (Control-L) remote jacks found on Sony, Yashica, Ricoh and Nikon Hi8/8mm camcorders, as well as on some Canon and Fuji camcorders, and Sony S-VHS, Hi8 and 8mm VCRs. It works pretty much like the Vdeck, but unfortunately, because the Vbox uses LANC, it's not as accurate as the Vdeck, which uses RC time code.

Overall, I found the CVD-1000 impressive but quirky. If you can get past its audio limitations and the occasional difficulties in interfacing it with other video gear, it should nicely complement any desktop video system. It has already become the *de facto* standard for desktop video editing of Hi8 tapes.

This unique VCR makes sense for someone shooting with a Hi8 camcorder who wants to edit, or transfer videos to computer multimedia formats (like Apple's *QuickTime*, or Microsoft's *Video for Windows*), and who feels comfortable working with a computer. Since the deck is independent from the editing software it is used with, capabilities may even improve in the future.

Sony's CVD-1000 Vdeck is more than just another VCR—it's also a computer peripheral. Its very existence is yet another indication that the worlds of computers and video are merging. ■

## VISCA With The Mac

Although the Vdecks and the accompanying VISCA protocol are still new to the computer world, several Macintosh software developers have created VISCA-compatible programs. Here are some key entrants:

- *Video Toolkit* ($279) lets you edit and catalog videotapes at a remarkably affordable price. Abbate Video, 14 Ross Avenue, Millis, MA 02054; 508-376-3712.
- *Adobe Premiere* ($695) is an editing and presentation program that lets you edit and combine video clips, add special effects, titles and audio tracks, and display the results. Adobe Systems, 1585 Charleston Road, Box 7900, Mountain View, CA 94039; 415-961-4400.
- *Passport Producer Pro* ($1,495), an upgraded version of *Passport Producer*, is a real-time multimedia production program. Controls external sources while offering numberous graphics and text capabilities. Includes a CD-ROM of clips Passport Designs, 100 Stone Pine Road, Half Moon Bay, CA 94019; 415-726-0280.
- *MediaMaker* ($695) is a sequencer best seen as a multimedia program with video capabilities. It integrates video, sound, animation and graphics. Macromedia, 600 Townsend, San Francisco, CA 94103; 415-252-2000.

**Tool Time:** Abbate's *Video Toolkit* lets you put two VCRs under a computer's control.

# ComputAbility
Consumer Electronics

# 800-554-9949

P.O. Box 17882 Milwaukee, WI 53217
HOURS: CST M-F 8am-8pm Sat 9am-5pm
FAX: (414) 357-7814

## Hi-Fi - Equipment & Laser Disc Players

**PIONEER**
LaserKaraoke
OTHER MODELS AVAILABLE

**JVC**

| CASSETTE DECKS | A/V RECEIVERS | CD PLAYERS | MINI SYSTEMS |
|---|---|---|---|
| TD-V661TN | RX-509TN | XL-M509TN | MX-S4 |
| TD-W709TN | RX-709TN | XL-M409TN | MX-C5 |
| TD-W309 | RX-809TN | XL-V461TN | MX-C7 |

**Panasonic** New!
- Laser Disc Player
- Advanced digital time base corrector
- Clear visual scan w/ shuttle
- S-video output
- 5-disc compatible

LX-600
LX101 & LX-900 also available... CALL for details!

## THIS MONTH'S SPECIAL

**Canon** E-520 New!
**JVC** GR-M7PRO
SUPER LOW PRICES! FREE CASE

## IMAGE STABILIZATION CAMCORDERS

**JVC** S-VHS GR-AX75U 20:1 Digital Zoom
**Canon** UCS5 Hi8 ABSORBER

## Color Viewfinder & Image Stabilization

**SHARP** VIEWCAM Hi-8 CAMCORDER
**SONY** EVO -150TR HI-8 CAMCORDER

## NEW MODELS

New! Flying Erase Head 4 Head Hi-Fi LOW PRICE!
HR-VP700U
- VCR Plus with Cable Box Controller
- Jog/Shuttle Control
- Full Load CenterMechanism

New! JVC VCR Plus+ Audio Dub
S VHS HR-S4900
HR-S6900
FREE S-VHS MOVIE

## CLOSEOUTS & DEMOS

**KODAK**
PCD270 ..... $189
**PIONEER**
**Panasonic**
KX-T4300 ..... $99
cordless w/ answ. mach.
**JVC**
JXT-88 ..... $249
**TOSHIBA**
M-648/M-758 .... $279/$389

**Panasonic**
PV-S372 ..... $899
PV-S62 ..... $899
PV-S4380 ..... $649
CT-1383VY ..... $299
**JVC**
HR-S6800 ..... $599
3 FREE MOVIES!
**PIONEER**
**SONY**

MORE MODELS AVAILABLE!

## AUDIO SONY PHONES

CFD-445 with CD player

CD BOOMBOXES
CFD-445 • CFD-580
CFD-560 • CFD-758
CFD-570 • CFD-768

DISCMAN
D-220
D-421SP
D-802K

WALKMAN
WM-FX24
WM-FX45
WM-SXF53

SPP-77
10 channel transmission
SPP-D15
2 line operation
SPP-160
dual rechargable battery packs
SPP-A60
with answering machine
SPP-95
speaker phone

## AUTHORIZED DEALER

VIDEONICS TOSHIBA
KODAK SONY JVC
MINOLTA RICOH
Canon Panasonic

## NOMEM™ BATTERY NEW

LENMAR
No Memory Batteries!
Full Charge Every Time!
SP77HSL 6v 2300 mAh
Fully SONY Compatible!

## SAMBICO

**BAGS**
VO422 ..... "TR" & C FORMAT

**BATTERIES**
VO825 ..... SONY 90 MIN
VO9816 ..... PANASONIC / JVC -VHS-C
VO829 ..... PANASONIC FULL SIZE
VO907 ..... SONY CHARGE / DISCHARGE

**TRIPODS**
VO542 ..... FLUID HEAD
VO550 ..... FULL SIZE

## AZDEN

**MICROPHONES**
WMS-PRO ..... 2 MIC SYSTEM
WHX-PRO ..... HAND HELD
VE-100 ..... 8MM REWINDER

## Canon

E520 ..... NEW LOW PRICE!
UCS3 ..... DIGITAL SPECIAL EFFECTS
UCS5 ..... NEW NEW NEW
A1 DIGITAL ..... DIGITAL SPECIAL EFFECTS
L1 ..... 15XZOOM

## JVC

**CAMCORDERS**
GR-AX25U* ..... 10:1 ZOOM
GR-AX35U* ..... EDITING FEATURE
GR-AX55U* ..... BUILT IN LIGHT
GR-AX 75U* ..... IMAGE STABILIZATION
GR-M7PRO* ..... 11XZOOM
GR-SZIU* ..... SUPER VHS-C
*FREE JVC CASE*

## JVC

**VCR'S**
HR-J600U ..... 4 HEAD HI-FI
HR-VP604 ..... JOG / SHUTTLE
HR-VP606 ..... VCR PLUS
HR-VP700 ..... TOP OF LINE!
HR-S4900U ..... NEW NEW NEW
HR-S4700 ..... S-VHS
HR-S6900U ..... AUDIO DUB

## KODAK

**PHOTO CD**
PCD 270 ..... PHOTO CD
PCD 870 ..... TELE / PAN
PCD 5870 ..... MULTI DISC

## MINOLTA

**CAMCORDERS**
PRO 8-848 ..... IMAGE STABLE

## Panasonic

**CAMCORDERS C-FORMAT**
PV-IQ203 ..... 10:1 ZOOM
PV-IQ303 ..... LIGHT AND REMOTE
PV-IQ403 ..... COLOR VIEWFINDER
PV-IQ503 ..... 4 HD. STEREO
PV-43 ..... IMAGE STABLE
PV-S63 ..... SUPER VHS
PV-S372 ..... SUPER VHS

**FULL SIZE**
PV-810 ..... 12:1 ZOOM
PV-S770 ..... SUPER VHS

**ACCESSORIES**
WJAVE3 ..... NEW LOW PRICE!
WJAVE5 ..... A / V MIXER
WJTTL5 ..... TITLER
PV-CC50 ..... COLOR CORRECT

**VCR'S**
PV-4311 ..... 4 HEAD
PV-4314 ..... VCR PLUS
PV-4351 ..... 4 HEAD Hi-Fi
PV-4361 ..... Hi-Fi VCR PLUS
PV-4362 ..... SHUTTLE CONTROL
PV-S4366 ..... SUPER VHS
PV-S4380 ..... BUILT IN TBC

## RICOH

**CAMCORDERS**
R-18H ..... SAME AS TR-101
R-16H ..... SAME AS TR-61

## TOSHIBA

**VCR'S**
M- 649 ..... 4 HEAD Hi-Fi
M- 659 ..... VCR PLUS C 3
M- 758 ..... JOG/SHUTTLE

## PROFESSIONAL & DESKTOP VIDEO

### Panasonic INDUSTRIAL

**CAMCORDERS**
AG-455 ..... 12X 700M SVHS
AG-3 ..... 3 CHIP SVHS

**EDITING DECKS**
AG1970 ..... WITH 2 LINE TBC
AG7650 ..... PLAYER ONLY
AG7750 ..... PLAYER / RECORDER
AGA96 ..... CONTROLLER
AGF700 ..... TIME CODE GENERATOR

**MONITORS**
1383Y ..... 13" VIDEO MONITOR
1383VY ..... 13" WITH TUNER
2083Y ..... 20" VIDEO MONITOR
2083VY ..... 20" WITH TUNER

**A/V MIXERS**
WJ-MX30 ..... DIGITAL FIELD SYNCH.
WJ-MX50 ..... DIGITAL FRAME SYNCH.

### SONY AUTHORIZED DEALER

**EDITING DECKS**
EVO-9500 ..... Hi-8 RECORD/ PLAY
EVO-9700 ..... Hi-8 DUAL DECK
SVO-9600 ..... SVHS VCR
SVP-9000 ..... SVHS PLAY ONLY

**LASER DISC PLAYERS**
MDP-1150 ..... LASER BAR CODE

**MONITORS**
GVM 1311Q ..... NTSC / PAL / RGB
GVM 2020 ..... 20" MULTI SCAN

### FutureVideo®

**A/B ROLL EDIT CONTROL SYSTEM**

- **EDIT LINK 3300**
  Desktop inter-format A/B Roll edit controller with RS-232C port, 3 programmable GPI triggers. Reads Hi8 RC time code.
- **EDIT LINK 3300/TC**
  Similar to 3300, also reads SMPTE time code.

### IMAGE PROCESSING SYSTEMS

| COMPUTER | CAPTURE BOARD | SOFTWARE | CONTROLLER | CAMERA |
|---|---|---|---|---|
| MS-DOS | Opalvision | Playmation | Diaquest | DXC-107 |
| Amiga | Video Toaster | Brilliance | BCD | DXC-930 |

*CALL FOR CUSTOM CONFIGURATIONS

### SONY Hi-8 Computer Video Deck

Vdeck
- Provides VISCA compatibiltiy
- Records or dubs (RC) time code
- Can record PCM digital audio

Vbox
Provides the key to integrating video cameras, recorders, and display devices into the personal computer environment.

## SINCE 1982

- One of Wisconsin's Top 10 Women Owned Businesses
- Corporate, Government & School POs Welcome

TECH: (414) 357-8181

VISA MasterCard

- No extra charge for delivery
- No Extra Charge For Insurance
- No Surcharge for Credit Cards

BY KENNETH KORMAN

# MR. MARIACHI

*Video maven Robert Rodriguez takes Hollywood by storm.*

**An Auteur Is Born:** Director Robert Rodriguez (right) works with Carlos Gallardo on *El Mariachi*.

From *42nd Street* to *Rocky*, Hollywood loves a good success story. But the incredible tale of 25-year-old Robert Rodriguez, and his homemade movie *El Mariachi*, has taught Tinseltown a lesson in filmmaking it won't soon forget. Rodriguez cut his teeth on consumer video gear, teaching himself how to communicate with basic pictures and sound. And when he found himself in a position to borrow a rudimentary film camera, he proceeded to make one of the year's best action movies in 14 days and with a total budget of $7,000.

A lengthy interview with Rodriguez revealed an affable and modest young man eager to share his experiences with aspiring filmmakers and other kindred spirits. How did this native of San Antonio, Texas, achieve this seemingly impossible feat? And what can we learn from his story? Though his talent sets him apart from the pack, his tale is nothing short of inspirational. Rodriguez proved that with imagination and hard work—not money and well-placed contacts—it's still possible to beat the odds and succeed on your own terms.

Rodriguez' road to Hollywood began at the dawn of the video era, before he had even entered his teens. "I started before camcorders were introduced," Rodriguez explains. "Back in '79 or '80, my dad got a JVC VCR, and it had a camera that attached with a cable. It didn't have a viewfinder, so you had to watch your TV to see what you were focusing at—real crude stuff, real manual." Rodriguez soon started making "little movies" on video starring members of his large family, including his nine brothers and sisters. And he immediately found himself in the first of many situations where he would have to use his wits to overcome technical limitations. "We had to shoot mainly inside my house because we only had a 12-foot cable," he laughs.

When Rodriguez was 13, his dad bought a second VCR and broadened his son's creative horizons. "I suddenly realized you could edit between two decks, playing on one and pausing on the other," he says. Rodriguez learned to add music and simple sound effects to his increasingly ambitious videos, but always kept them under 20 minutes in length. "People always think home mov-

ies are going to be boring and slow. My idea was to keep them short and three times as fast as real movies, so people would watch them and want to see them again. They weren't very good to begin with, but they got better the more I did—it was like teaching myself to play guitar, or to paint. And with video, it was practically free—two hours of pictures and sound for about eight bucks, as opposed to film which would have been much more expensive."

Rodriguez used the old video camera for many years, honing his skills in anticipation of the day when he'd have better filmmaking tools at his disposal. After he started winning local contests, he decided that if he was going to reach the next level, he'd have to take matters into his own hands. The year was 1989, and Rodriguez had barely passed 20. "I did a medical research study—sold my body to science—to get the money to buy a camcorder," he says. He chose an RCA ProEdit full-size VHS model, and set about making even more short movies using his new-found mobility.

By this time, Rodriguez was enrolled as a student at The University of Texas at Austin, but low grades kept him out of the University's film school. After his movies started beating those made by U.T. film students in contests like Austin's annual Third Coast Film Festival, he was finally allowed in. By that time, however, there wasn't much the school could teach him. Getting into the program mainly represented a chance to use a real film camera for the first time, free of charge. Rodriguez borrowed a 16mm wind-up film camera and "set out to make an award-winning film."

The result was *Bedhead*, an eight-minute, $800 film that's so good Columbia TriStar later decided to include it on all cassette and disc editions of *El Mariachi*. A fantasy about a little girl's revenge on her conniving older brother, the relentlessly funny and fast-paced *Bedhead* left no doubts about Rodriguez' remarkable talent. With a renewed sense of confidence, he felt the time was right to up the ante. A little math went a long way: "I realized that if I could make a good eight-minute movie for about $800, I could make an 80-minute film for $8,000 or less, as long as I made it the same way."

**Do It Yourself:** (From top) First-time filmmaker Robert Rodriguez found his imagination a greater resource than his bank account; Rodriguez' high school buddy and *Mariachi* star Carlos Gallardo eludes gangsters in a scene from the film; Columbia TriStar's laserdisc edition features a running commentary from the director that explains how to make a $7,000 movie.

Rodriguez and high school buddy Carlos Gallardo spent the next summer shooting *El Mariachi*, based on a script Rodriguez wrote while spending a month in bed for that medical research study. ("They wouldn't let me leave," Rodriguez laughs.) Gallardo co-produced and starred in the film, a fairly standard tale of mistaken identity that Rodriguez transformed into a stylish and involving action picture. And it was all done on a budget that wouldn't take care of one day's lunch on the set of a typical Hollywood film. But how *does* one make a feature film for $7,000?

According to Rodriguez, the first step is to bite the bullet and use your own money to make the film. "That way you're more careful how you spend it," he says. In addition, the whole film must be planned out ahead to save precious time and film stock. And with enough practice under you belt, you can do most of the work yourself, without a crew. "When you use a video camera, you don't need a sound man because it has built-in sound. You don't need a cinematographer because it has automatic

exposure. I was always used to being a one-man crew, so when they handed me a film camera, I just shot it the same way—I took my own light readings, recorded my own sound separately."

*El Mariachi* was shot mostly in Carlos Gallardo's home town of Acuna, Mexico, and Gallardo's friends and family were recruited to serve as actors. "I'd just feed them a few lines, shoot one or

*continued on page 122*

*Shopping solutions for video's most convenient combo.*

# TVCR BUYING GUIDE

BY JONATHAN TAKIFF

Some of the biggest names in consumer electronics don't even offer one (yet). The product is shunned by high-tech types as overpriced and, in fact, under-performing, or thought of as "the rack system of the '90s." But there's no arguing with the sudden success of TV/VCR combos, a.k.a. TVCRs. Four years ago, the Electronics Industries Association didn't even track sales of the product. Now, combination units wrapping a color TV set and a VHS VCR inside one sleek package are selling like hotcakes. Consumer interest has become so strong that RCA and Philips are introducing their first models and Sony and Zenith will soon join the fray.

The industry shipped nearly a million TVCRs in 1992, but "this year we're conservatively estimating sales of 1.5 million units," says Emerson marketing vice president Gerald Calabrese. And pundits predict annual sales will rocket to 5 million in the next four or five years.

User-friendliness, still a hotly pusued goal for many types of products, is already a reality in TVCRs. They're popular in part because they exemplify the design principle of MISD—Make it Simple. Dummy. "Put one in an office with multiple users or in a playroom with kids, and you don't have to read an instruction manual," says Phil Betescia of Goldstar. "Our models automatically turn on, clean the heads, adjust tracking, play the tape, rewind, eject and shut off. There are zero buttons to push. It's a no brainer."

The TVCR's other claim to fame is that it's what marketers call "application specific." Thirteen-inch models weighing 24 to 38 pounds are easy to toss in a car to take to a weekend house or a sales presentation. New multiformat 13- and 20-inch models from Instant Replay and Ten-Lab, which also play foreign PAL and SECAM tapes, can even be hauled around the world, as long as you have the proper power transformer.

For the small-footprint 13-inch sets, spots are increasingly being found in kitchens, home offices and bedrooms. Less luggable 19- and 20-inch TVCRs, weighing between 40 and 57 pounds, are favored in master bedrooms and playrooms, where all most people want to do is watch TV or play a tape. "Rarely will a TVCR be the primary system in the house," says Panasonic's Brian Hoffman. "That's why there isn't much call for big-screen combi models with a lot of bells and whistles." People who prefer 27-inch stereo TVs and hi-fi VCRs are "still into separates," he adds, explaining why Panasonic no longer offers feature-laden combinations, as it did a year ago, although Hoffman predicts more varied TVCRs will reappear.

## WHAT TO LOOK FOR

Until this happens you'll find most TVCRs come with rather plain feature packages starting with 13-, 19- or 20-inch screens, a monaural cable-ready tuner and a

**New on the Block:** The 20-inch T2000BK is one of RCA's first two TVCRs.

| • BRAND | • MODEL | • PRICE | • SCREEN SIZE | • RECORDING HEADS | • DIMENSIONS* | • OTHER FEATURES** |
|---|---|---|---|---|---|---|
| Daewoo | DVT9234N | NA | 19 | 2 | 21x18x20 | Index search, output jacks |
| Emerson | VT1322 | $649 | 13 | 2 | 15x15x16 | Quick start transport, head cleaning warning |
| Emerson | VT1922 | $749 | 19 | 2 | 20x19x20 | Quick start transport, head cleaning warning |
| GE | 13TVR01 | $449 | 13 | 2 | 18x16x16 | Front input jacks, output jacks, index search |
| Goldstar | QCV-1324M | $529 | 13 | 2 | 16x16x17 | Head cleaner, index search, text mode |
| Goldstar | QCV-1924M | $599 | 19 | 2 | 20x20x19 | Head cleaner, index search |
| Hitachi | 20R2B/W | $600 | 20 | 2 | 21x19x21 | Index search, gray or white finish |
| Instant Replay | CMB-130CW | $1,295 | 13 | 2 | 15x15x16 | Caption writer, head cleaner |
| Instant Replay | CMB-200CW | NA | 20 | 2 | 22x19x20 | Caption writer, head cleaner |
| Instant Replay | CMB-130IT | $1,295 | 13 | 2 | 15x15x16 | Plays PAL, SECAM; caption writer |
| Instant Replay | CMB-200IT | NA | 20 | 2 | 22x19x20 | Plays PAL, SECAM; caption writer |
| Magnavox | CCR 132 | $449 | 13 | 2 | 18x17x18 | Bilingual displays |
| Magnavox | CCR 190 | $499 | 19 | 2 | 22x21x23 | Bilingual displays |
| Magnavox | CCR 202 | $599 | 20 | 2 | 24x22x25 | Bilingual displays |
| Memorex | 16-410 | $499 | 13 | 2 | 14x15x14 | Bilingual displays |
| Memorex | 16-412 | $599 | 19 | 2 | 20x19x19 | Bilingual displays |
| Panasonic | PVM 1322 | $499 | 13 | 2 | 15x15x16 | Time search, head cleaner |
| Panasonic | PVM 2023 | $629 | 20 | 2 | 22x19x20 | Time search, head cleaner |
| Panasonic | PVM 2042 | $679 | 20 | 4 | 22x19x20 | Time search, head cleaner |
| Panasonic | PVM 2053 | $899 | 20 | 4 | 22x19x20 | Hi-fi, MTS stereo; output jacks |
| Philips | PCR 205 | $699 | 20 | 4 | 21x19x21 | Bilingual displays, head cleaning |
| Quasar | VV1320 | $579 | 13 | 2 | 15x15x16 | Head cleaner, wake-up timer |
| Quasar | VV2020 | $649 | 20 | 2 | 22x19x20 | Head cleaner, wake-up timer |
| Quasar | SXV1420 | $899 | 20 | 4 | 22x19x20 | Hi-fi, MTS stereo; output jacks |
| RCA | T13000BK | $549 | 13 | 2 | 15x15x16 | Quick start transport, text mode |
| RCA | T20000BK | $649 | 20 | 2 | 21x19x20 | Quick start transport, text mode |
| Samsung | CXB1322 | $529 | 13 | 2 | 18x16x16 | Front input jacks |
| Samsung | CXB1922 | $639 | 19 | 2 | 23x18x19 | Front input jacks |
| Samsung | CXB1924 | $679 | 19 | 4 | 23x18x19 | Front input jacks |
| Sanyo | TVR-1344 | $399 | 13 | 2 | 15x14x15 | Bilingual displays |
| Sanyo | TVR-1944 | $449 | 19 | 2 | 19x18x19 | Bilingual displays |
| Ten-Lab | 13CB092 | $895 | 13 | 2 | 15x15x16 | Plays PAL, SECAM; head cleaner |
| Ten-Lab | 20CB092 | $995 | 20 | 2 | 22x19x20 | Plays PAL, SECAM; head cleaner |
| Ten-Lab | 20CB192 | $1,095 | 20 | 4 | 22x19x20 | Plays PAL, SECAM; head cleaner |
| Ten-Lab | 20CB292 | $1,295 | 20 | 4 | 22x19x20 | PAL, SECAM; MTS, 2 tuners, A/V out |

NA: Price not available
*Width x depth x height in inches, rounded to the nearest inch.
**TVCRs with PAL/SECAM features play PAL tapes in color and SECAM tapes in black & white.

basic two-head VCR (Personal video units with smaller screens are not included in this roundup.) Four-head TVCRs with spiffy trick play features are almost as hard to find as Ben and Jerry's Rainforest Crunch. And hi-fi TVCRs with MTS stereo reception and sophisticated speakers are found only in 20-inchers by Panasonic, sister brand Quasar and Ten-Lab, a Los Angeles-Based product customizer.

Ten-Lab's international format Multicombo 20CB292 is the only fused box with two tuners, which is useful for watching one program while taping another. Since most TVCR owners have another setup, most companies feel two tuners in a single TVCR is redundant.

Like audio racks, many TVCRs make do with a single power transformer and a unified remote control. Since TVCR makers are also saving on cabinetry, it would seem logical that combi prices would cost less than separate components, yet parity is the best you'll find, with low-end 13-inchers low-balled for $350. And you'll often find 19- and 20-inch TVCRs going for more. Why? Manufacturers argue that smaller production runs, the need for better component shielding and tighter quarters inside the single cabinets kick up factory costs. They also rationalize that they're saving viewers from the need to buy a two-tier stand. But the real features TVCRs promote are convenience, simplicity and a clean appearance.

By law, every TVCR (and TV) 13 inches and larger now manufactured for sale in the U.S. must include a closed-caption display, which has prompted many companies to introduce new models. But the display is useful even if you're not hard of hearing. It's good for quietly following captioned programs late at night without disturbing others or for deciphering music-video lyrics.

A few TVCRs, notably from RCA, GE and Sanyo go the requirement one step better by offering a text mode to decode full-screen teletext news, sports and program guide information, when and if it's available. Instant Replay's unique Caption Writer models will transfer closed-caption text to a computer as an ASCII file, or generate a hard copy of the captions when connected to a DOS-formatted printer. Lesser linguistic concerns are tackled in TVCRs by Magnavox, Memorex, Sanyo and Philips, which display TV and VCR features in English and Spanish.

Virtually all TVCRs have automatic tracking, which keeps the video heads trimmed to the azimuth of the recording, while a smaller bunch tweak picture reproduction with HQ circuitry. Tape heads are automatically cleaned in models by Goldstar, Instant Replay, Panasonic, Philips, Quasar, RCA and Ten-Lab.

Most TVCRs have one-touch record (with auto shutoff), which can be a blessing for last-minute taping of Letterman or *Nightline* while you're nodding off, mid-show. TVCRs also respond with one form or another of automatic start-up. When you insert a tape, the unit will either simply turn on or initiate a fancier scenario consisting of auto play, rewind and eject.

Sleep timers that let you doze off with the video on are standard. You can set the timers for 30, 60, 90 and, sometimes, 120 minutes. Panasonic and Quasar models will even wake you to your favorite programs.

Linear tape counters for calculating tape play now make search and erase missions much easier on most newer machines. The VHS index search system, which automatically sets chapter points on recording for fast location later, is in Daewoo, GE, Goldstar and Hitachi models. Because many TVCRs wind up on department store counters, demonstrating makeup applications and the like, all possess an auto-repeat function.

Your programmable recording options will be either four shows over a month's span, or eight events over a full year. Panasonic and Quasar TVCRs are compatible with a Program Director remote ($50 extra), which makes setting a VCR for day, channel and time recording as easy as twirling a knob.

*continued on page 86*

**Double Duo:** Magnavox's 20-inch CCR 202 and Emerson's 13-inch VT1322 TVCRs.

# Home Is Where The Theater Is

*Canon's E700 camcorder lights up your life and your videos with its built-in pop-up video light.*

# Canon Sees The Light

***Canon's Illuminator camcorders help shed some light on the subject and create better-looking videos.***

When showing home videos on a large screen such as those found in home theaters, you need a camcorder that can provide bright, clear images. Canon's Illuminator camcorders, the E520 and E700, are 8mm camcorders that feature a convenient pop-up video light that lets them operate in as little as 0 lux!

With the E520 and E700, when a memorable event occurs in low light, just pop up the light and start shooting. When done, simply push the light back down into the body of the camcorder. The video light allows shooting to a distance of about six feet and is powered by the camcorder's own battery — so no additional accessories are necessary.

Other features of the E520 include a 10x power zoom lens, three Programmed Auto Exposure modes (Backlight Compensation, Spotlight, and Sand & Snow), a full-auto mode, and a seven-mode high-speed shutter. Also included is Canon's unique Flexgrip combination rotating grip and viewfinder that adjusts to virtually any camera angle for easier and more comfortable shooting.

The E700 is the first to offer a 12x power zoom lens, Canon's Shake Absorber optical image stabilization system, and a built-in pop-up video light. This shake-free system uses a Vari-Angle Prism and highly-sophisticated sensors that detect horizontal and vertical movement to correct for jostling and jittering. The major difference between this optical system and electronic image stabilizers is that electronic systems degrade image quality and decrease the field of view in order to reduce unwanted movements.

With either of these camcorders, your color will look more vivid and your subjects brighter — making your home videos transfer beautifully from the viewfinder to the big screen. For more information on these Canon camcorders, contact your local Canon dealer or use Reader Service #130.

# Counterpoint Brings AV Theater Home

***Speakers from Counterpoint create the ultimate home theater.***

Counterpoint has introduced a new line of high-end home cinema speakers. Called the HC series, these loudspeakers use breakthrough cone technology in order to deliver greater clarity. Add to this woven glass-fiber cones and aluminum dome tweeters and you have a system that not only brings video to life, but also produces pure audio-only music reproduction as well.

These speakers function so well in the home theater that each model of the seven-piece HC series is named after some of the country's most famous theaters.

# Easy Home Movie Editing

***Azden makes it easy to edit your own home video productions.***

The Azden VE-100 is the most accurate pure editor on the market today. It's compatible with all video formats, and most VCRs. It uses the infrared signal from your recording VCR to give you 3-frame accuracy. You can create up to 100 scenes, each one seamless and impossible to detect. You can merge in material from several tapes and move scenes from one part of the tape to another. Audio can be faded in and out, or you can add audio from another source. Suggested retail is $499.

For more information, contact your local dealer or use Reader Service #131.

# Brookline Stabilizes Your Video Volume

***Brookline Technologies' Volume Stabilizer™ makes sweeter sounds in the home theater.***

Home theater and satellite lovers are well aware of the problems with volume levels and volume control in their systems — no matter how high-end the system is. That's why Brookline Technologies' VS301 Volume Stabilizer is a must for any audio/video system. The Volume Stabilizer automatically increases the volume of the audio in soft passages and reduces volume during louder segments, making it possible to clearly hear every word of a movie without constant adjusting of the volume level.

Not only does the Volume Stabilizer conveniently adjust the volume level, but it also increases the quality of the sound with its innovative technological approach — the music and dialogue still sound alive, not flat or dull.

The Volume Stabilizer is also extremely useful outside the home theater for CD-to-cassette dubbings. It works with cassettes and videocassettes as well as the newer technologies like DAT, DCC, and MiniDisc.

For more information on how to stabilize your home theater, use Reader Service #132.

The first of these models is called the Orpheum and it provides the front left and right satellite speakers for the system. Highlighted by its 1-inch liquid-cooled aluminum tweeter, the Orpheum speakers also use gold-plated binding posts and film capacitors.

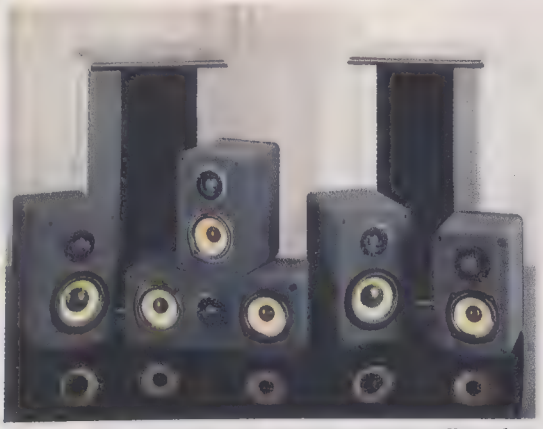
The center-channel speaker is named the Bijou, and it uses twin 5 1/4-inch heavy-duty woofers woven with glass-fiber cones to clearly reproduce dialogue. It also includes extra-large shielded magnets and voice coils that are long-throw designed to achieve a high dynamic range and better power handling.

The Mystic is what the THX-approved dipolar surround speakers are named. Their claim to fame includes a dipole dispersion pattern that envelopes the room with realistic ambience by using drive arrays on both the back and front of the enclosure.

Rounding out the system is the Embassy, which is a tower subwoofer that is cleverly configured as a stand to position the Orpheum main speaker. The Embassy features a bass alignment that can be converted from the slot-loaded bandpass configuration to a higher efficiency bass reflex design by simply removing a rear panel.

Also coming soon from Counterpoint are complete home cinema electronics.

For more information on the HC series, contact your local Counterpoint dealer or use Reader Service #133.



*Counterpoint's speakers reproduce music as well as they do movies.*

# Definitive's Bipolar Theater Loudspeakers

***The ultimate technology for movie and music reproduction.***

Definitive's Bipolar Home Theater Loudspeaker Systems have received the industry's highest accolades and awards, including *VIDEO* Magazine's coveted ViVA Gold Product of the Year Award, the Audio Video Grand Prix, the CES Design and Engineering Award, and selection for "The Experts Dream System" in *Stereo Review* Magazine. Bipolar Technology is quite simply the most advanced technology available today to reproduce movie soundtracks and music in your home. In the words of *VIDEO*'s Brent Butterworth, "All in all, bipolar systems are as close as we've come to finding the holy grail of home theater." And Brent and Ken Korman (*VIDEO*'s Senior Editors) both said that Definitive's Bipolar System is "the most complete, well rounded audio/video speaker system we've heard."

What is bipolar technology and why does Definitive's system sound so good? Basically, each Definitive bipolar loudspeaker (BP2, BP8, BP10, and BP20) is two complete speakers in one. One set of drivers faces forward and another complete set faces to the rear. This provides you, the listener, with an ideal lifelike balance of early arrival sonic information (which provides focus, clarity, and location data for pinpoint image placement) and properly delayed late arrival information (which conveys the lush three-dimensional soundstage of the live music or cinematic experience). Unlike some speakers which sound good on music but fall flat on movies, or vice versa, Definitive's excel on both. *VIDEO* Magazine said Definitive's system "...does a brilliant job of reproducing both Dolby Surround movie soundtracks and musical performances..."

Definitive's complete matched systems consist of two front bipolar speakers, a direct radiating center channel speaker, and two rear or side bipolar sur-

round speakers. Definitive offers several different models of each speaker, all of which are perfectly timbre matched to each other for superb blending. In addition, Definitive's extraordinary new PowerField 1500 250-watt 15-inch powered subwoofer can be added to any of the systems for even greater bass impact.

If you are looking for the ultimate home theater sound system, Definitive's got it! As *VIDEO* Magazine said, Definitive's system is "a perfect fit for the vast majority of home theater listeners" and "...for real world living rooms, a bipolar system is tough to beat."

For more information, contact your local Definitive Technology dealer or use Reader Service #134.

*Definitive Technology's Bipolar loudspeaker system and PowerField 1500 subwoofer (inset) have received many industry accolades.*

## Entertainment For The 90's

Having trouble finding the hot new theatrical and game releases from your favorite store? Look no further: Whether they are laserdiscs, compact discs, CD-ROMs, CD-Is, Sega CDs, Sega Genesis, SNES or others, Digital Hollywood has all the new releases.

Not only will you find your favorite releases at Digital Hollywood, but you will also find big savings. On top of the 15 percent off all titles and free shipping anywhere in the continental U.S., Digital Hollywood now has a special introductory offer for memberships to their Laserdisc Club.

For $49.95 annually, you can get a gold membership that entitles you to 20 percent off everything sold at Digital Hollywood. For $99.95 annually you can become a platinum member, which lets you get anywhere from 20 to 25 percent off selected items. Both memberships include an IBM-compatible personal home video/laserdisc inventory program to keep track of your entertainment library.

For more information, call Digital Hollywood at 1 (800) 432-1412 or use Reader Service #135.

# Driven By Excellence

***Infinity delivers state-of-the-art sound reproduction for any home entertainment application.***

Infinity is a company that has a commanding record of leadership and excellence in loudspeaker design and engineering. Infinity's landmark products and technologies such as the EMIT, EMIM planar drivers, IMG woofer, and Polycell tweeters have established Infinity as a premier loudspeaker manufacturer worldwide. Infinity is utilizing these proprietary technologies to provide the best home theater loudspeaker systems on the market today.

Infinity believes the audio system that recreates a live-musical performance accurately will also properly reproduce all the elements of a video soundtrack. High-performance home theater loudspeakers must demonstrate their ability to give you accuracy, live dynamics, and the tonal balance that the director or the performer intended. For music reproduction, in order to recreate the power and vitality found in a smoky, late-night jazz club, on stage at Carnegie Hall, with 50,000 Rolling Stones fans at a stadium concert, or the ferocious growl of the Tyrannosaurus Rex, you need loudspeakers that can deliver music and dynamics as it was meant to be — pure, articulate, emotional, and lifelike.

Infinity technology and voice matching assure that every Infinity loudspeaker has accuracy, detail, and balance. When you add the critical dialogue reproduction capabilities of an Infinity center channel and the localization and imaging provided by Infinity's range of surround loudspeakers, you will move from in front of the stage to center stage. You can now experience sound with truly visceral impact and an intimate sense of detail, subtlety, and directionality

in your own home that rivals those found in the best movie theaters.

Infinity offers a wide range of choice in speaker size and configuration for music and home theater applications. From the Infinitesimal Four and Micro II six-piece subwoofer satellite systems to their Reference Standard and Kappa Series, Infinity is ready for the heightened demands of home theater.

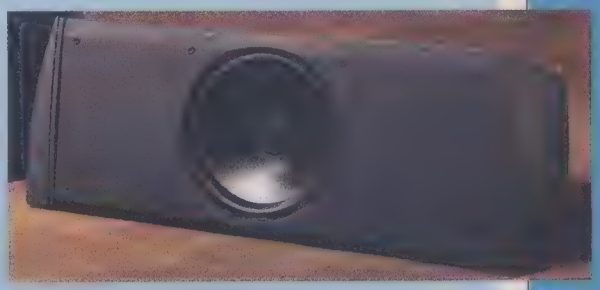
Infinity excels in digital audio reproduction and delivers the most stringent design/performance criteria. The Infinity loudspeakers you purchase for home theater and stereo music reproduction today will be investments that pay you huge dividends of listening and viewing pleasure for many years to come.

For more information, use Reader Service #136.

## Home Theater Central

All of the speakers in your home theater system are important, but the most critical of these is the center channel speaker. This is because more than two-thirds of all the sound in today's movies come through this speaker. That is also why the quality of your entire home theater will be no better than the quality of this one speaker.

KEF understands the importance of the center channel speaker, which is why they make their Reference Series Model 90 and Model 100 with high-quality components and their Uni-Q Coincident Driver Technology. Uni-Q technology lets the speaker deliver superior sound over an area that is more than twice as wide as conventional speakers. This technology helps make the Models 90 and 100 ideal for all three front speaker locations when space is at a minimum.



KEF *is* the reference for high performance home theater. For more information, use Reader Service #137 or call 1-800-859-7232 for the dealer near you.

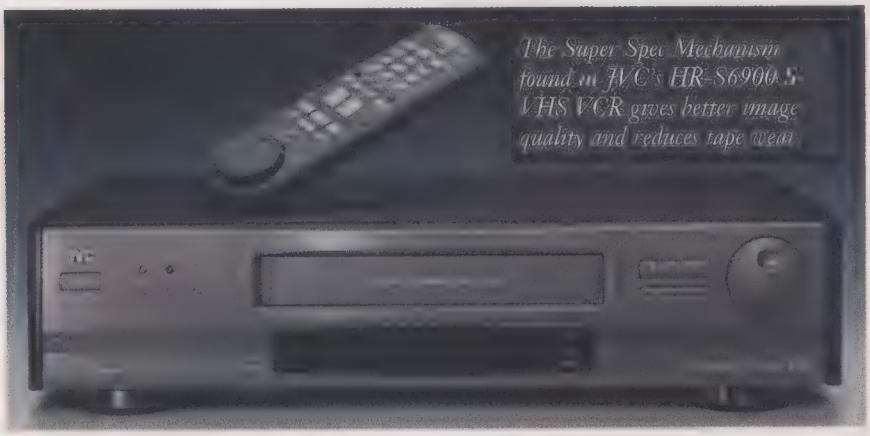
# JVC's Spectacular Video Mechanism

***JVC introduces consumer gear that brings a professional edge to your home theater.***

JVC is the company that invented VHS, so of course their VCRs always perform to the highest expectations. With the ever-growing popularity of home theater, however, JVC has included a Super Specification Mechanism that enhances the performance of the unit as well as the picture quality.

Currently found on two of JVC's Super VHS VCRs (the HR-S4900 and the HR-S6900), the Super Spec Mechanism uses a full-mode tension servo that controls tape tension during all operation modes, maximizing tape stability while simultaneously reducing tape wear. The Mechanism also reduces jitter with its newly designed impedance roller and its high-rigidity chassis.

The Super Spec Mechanism adds quick response for all functions — you can go from stop to play in 0.3 seconds — as well as high-speed fast forward and rewind and near-instantaneous mode-to-mode switching for immediate video enjoyment. And for those who like to edit or scan their favorite movies to catch the special effects in greater detail, the Super Spec Mechanism improves the precision and responsiveness of the VCR's jog/shuttle dials. Furthermore, open search, a new breakthrough from JVC, lets you define your location while scanning a tape without hitting the stop or play buttons.



*The Super Spec Mechanism found in JVC's HR-S6900 S-VHS VCR gives better image quality and reduces tape wear.*

Other video enhancing features included in these new VCRs is a new preamp, which continuously checks the current at each head to ensure that the recording current is kept at a fixed level; a clear sync circuit, which reduces jitter even further; and intelligent audio switching noise reduction, which virtually eliminates audio switching noise reduction.

To further enhance the use of the VCRs within the home theater, JVC has introduced the JX-S700 pro-quality multi-role remote AV switcher. The JX-S700 has seven inputs, four outputs, and one monitor out and is compatible with Super VHS VCRs. Also included in this switcher is a built-in high-quality video amplifier that assures dynamic video editing with its frequency bandwidth of 12 MHz and dazzling horizontal resolution of 960 lines!

Check out your local JVC dealer or circle Reader Service #138 to find out how to bring the best Super VHS video into your home theater and to see the benefits of the Super Specification Modification and JX-S700 AV switcher for yourself.

# Onkyo's Power Performers

*Onkyo's Integra TX-SV909PRO brings high-quality audio to your home theater system with its seven amplifiers.*

Video is only half the story in a home theater system. What good is a theater-like image if it sounds like it's coming out of television speakers? Onkyo lets you bring surround sound into your home theater with their line of surround sound audio/video receivers.

For real power mongers, Onkyo's TX-SV717PRO offers five low impedance drive amplifiers that pump out 110 watts/channel in the stereo mode, 85 watts/channel for front left, center and right channels in surround mode, and 30 watts/channel for the rear channel in surround mode. Full digital Dolby Pro Logic and DSP surround modes help you find just the right sound for whatever you are watching and listening to.

For easy set up, the TX-SV717PRO includes an on-screen display and a 16-bit A/D converter keeps audio quality high. The six audio inputs and four video inputs allow the receiver to be integrated into virtually any system while still leaving room for plenty of future purchases. The TX-SV717PRO has a suggested retail price of $949.95.

If you need even more power, Onkyo supplies the Integra TX-SV909PRO. This model has seven low impedance drive amplifiers that perform at varying power levels: 110 watts/channel RMS in the stereo mode; 260 watts/channel dynamic at 3 ohms in the stereo mode; 250 watts/channel RMS in the surround mode (front, center, and rear); and 30 watts/channel RMS also in the surround mode (rear).

Like the TX-SV717PRO, the TX-SV909PRO also includes full digital Dolby Pro Logic surround decoder, but adds Ambisonic Surround and an 8-mode surround processor with DSP. Ten audio inputs and six video inputs make this unit a key component in any home theater system. The Integra TX-SV909PRO has a suggested retail price of $1,849.95.

For more information on these two models or others in the Onkyo A/V receiver line, contact your local Onkyo dealer or use Reader Service #139.

# Samsung's Superior Audio-Video Source

***Samsung's Hi-Fi VCR brings a host of useful features into the home theater.***

Your home theater is only as good as the source that runs through it. No matter how expensive the television, A/V receiver, and speakers you have are, if your VCR isn't up to the task of providing quality sound and images the entire system can't perform to its full ability.

That's why a four-head Hi-Fi VCR, like Samsung's VR8803, is the best choice for any home theater system. The double azimuth heads and Hi-Fi stereo sound ensure that your entire system is performing up to par.

The VR8803 also offers many convenient features in addition to its audio and video capabilities. For example, the VR8803's cable box control and quick programming make recording your favorite programs a breeze. And for those who like to plan ahead, up to eight events can be programmed up to a year in advance.

Movie lovers and video editors will enjoy the special effects capabilities of the VR8803. These include frame advance, variable slow, and fine still. To further enhance the editing aspects of this unit, a VHS Index Search System (VISS) is also included.

Other convenience functions of the VR8803 are: picture and jet search; a front audio/video jack; a universal TV and VCR remote control; high-speed rewind; auto-tracking; and automatic channel programming.

Samsung is world renowned for their award-winning consumer electronics products, and with their VR8803 you can rest assured that your home theater system is working at peak level. For more information, contact your local Samsung dealer or use Reader Service #140.

*Samsung's VR8803 Hi-Fi VCR makes a strong addition to any home theater.*

# JVC's True Movie Experience

***New 16:9 televisions let you see what you've been missing from your favorite videos — and then some.***

*JVC's NV-55BX4 widescreen rear projection television shows movies as they were meant to be seen.*

Big screen televisions have traditionally been found at the heart of many home theater systems. The large images add a theater-like feel to the room, but they fall short of completing the full experience with their boxy (4:3) shape.

JVC's widescreen 55-inch NV-55BX4 projection television changes all that with its 16:9 screen, the same proportions found in movie theaters. Now you can see movies as they were meant to be seen — without the limits of pan and scan and the distracting black stripes found in letterboxed videos and laserdiscs.

To further enhance the wide screen, JVC has included four viewing modes: regular, panorama, cinema, and full. The regular mode shows standard 4:3 pictures in the center of the 16:9 screen. Black bars fill the remaining space on the left and right of the screen. Panorama mode, which is an exclusive JVC technological breakthrough, turns any 4:3 image into a big, cinema-like widescreen image by expanding the outer portion of the picture without distorting the center of the image — which is where all the action takes place. Cinema mode accommodates letterboxed movies, zooming in on the image so little or no black stripes appear on screen. Lastly, the full mode expands new squeeze mode video that is found in several camcorders, including JVC's GR-SZ1, to their original widescreen proportion.

Need more convincing that this is one superior movie machine? The NV-55BX4 has a Theater Status mode that automatically adjusts seven aspects of picture quality to recreate a true cinema look.

Despite all the effort put into the video side of the NV-55BX4, the audio side is also impressive. To start, the NV-55BX4 enhances an ordinary monaural broadcast sound into full, room-filling sound. This well-rounded unit also includes a Dolby Pro Logic decoder that uses up to five speakers to create an incredibly realistic surround sound atmosphere and a nine-mode digital sound processor that offers three types of sound for movies, three for sports, and three for music.

To pump out these crisp sounds, the NV-55BX4 uses its three built-in acoustic suspension speakers (left, right, and center) and its 50 watts total audio power (with five channels). Two optional six to eight ohm rear speakers can also be added to fill out the system.

And there's even more. Add Picture-In-Picture (PIP); Picture-Outside-Picture (POP); 800 lines of horizontal resolution; logical comb filter; dynamic color enhancement; and wideband video circuitry and you have a good idea of just how powerful this projection television can actually be.

For more information, contact your local JVC dealer or use Reader Service #141.

# Denon Adds a New Direction to Home Theater

***Denon's A/V receivers recreate the Home Theater experience the way the director intended.***

The heart of a home theater system is an A/V receiver, but only those that accurately track Dolby Pro Logic™ can thrill you like the movies.

For example, Denon's AVR-800 audio/video receiver delivers outstanding audio performance with its three 60-watt front channels and two 15-watt rear channels. That's a total of 210 watts, enough to add realism and fidelity to any home theater system. But the AVR-800 excels in its Dolby processing as well. Denon's advanced Pro Logic circuitry assures optimum sound quality with wide dynamic range and outstanding channel separation in four Dolby Pro Logic modes. For those who wish to custom-tailor the sound, Denon's digital delay system can be adjusted in steps of 1.5 milliseconds from 0 to 30 milliseconds (or 15 to 30 msec. in the Pro Logic mode). The surprisingly affordable AVR-800 carries a manufacturer's suggested retail price of only $500.

The Denon AVR-1000 A/V receiver is similar to the AVR-800 in that both models provide leading-edge technology at an affordable price, but the AVR-1000 offers six DSP surround modes and four Dolby Pro Logic modes. This model features three 70-watt front channels and two 20-watt rear channels — totalling 250 in all. While other A/V receivers tout DSP processing, the Denon AVR-1000 excels in sound quality due to its high-quality on-board analog-to-digital and digital-to-analog converters.

The AVR-1000 is ideal for those upgrading home theaters, as well as for those who want to start off right! It carries a suggested retail price of $650.

For more information on these A/V receivers and others in the Denon line, contact your local Denon dealer or use Reader Service #143.

# An Even Easier VCR Plus+

The new VCR Plus+® Instant Programmer™ with CallSet™ is perfect for anyone who wants a fast, error-proof way to tape their favorite show.

To tape a show, simply punch in the VCR Plus+ numbers found in TV Guide or local TV listings. At the right time, VCR Plus+ automatically turns on your VCR, changes the channel (even on cable boxes), and records the program for you.

The new CallSet feature performs the initial set-up of your unit just by making one free phone call. The unit receives audio signals that teach it to work perfectly with your VCR and cable system.

Call 1-800-432-8271 or circle Reader Service #142 for more information.

*© 1993 Gemstar Development Corporation. VCR Plus+®, Instant Programmer™ and CallSet™ are trademarks of Gemstar Development Corporation.*

# Keep The Power

***Battery Tech's PowerMax™ battery chargers keep your camcorder shooting.***

Tired of losing precious moments to low battery power? Then check out Battery Tech's PowerMax camcorder battery charger/discharger and PowerMax Plus 2 battery quick charger and reconditioner.

Both of these models let you quick charge your batteries at home from your AC outlets or on the road from any cigarette lighter socket. They can charge virtually all 6V, 7.2V, or 9.6V Sony, Panasonic, Canon, and RCA/Hitachi type batteries and come complete with a DC cigarette lighter car cord and an AC adaptor. A 12V charger is also available.

The PowerMax is available for $49 and the PowerMax Plus 2 for $84. For more information, call Battery Tech at (800) 442-4275 or use Reader Service #144.

Camcorder Winter Wonderland!

Happy Hanukkah

**FREE!** ONE YEAR EXTENDED WARRANTY WITH CAMCORDER PURCHASE*

VISA · MasterCard · DISCOVER

Happy Holidays from

# SUPREME

SATISFACTION GUARANTEED

THE CALL IS FREE... THE SERVICE IS PRICELESS!

1562 Coney Island Ave, Brooklyn, NY 11230

**1-800-332-2661**

CALL TOLL FREE FROM CANADA 1-800-241-2661

(718) 692-4110 • FAX (718) 692-4760

## SONY

| | |
|---|---|
| FX-420 | 569 |
| FX-520 | Call |
| FX-620 | 699 |
| FX-710 | 769 |
| NEW! TR-21 | 559 |
| TR-61 | 619 |
| NEW! TR-65 | 748 |
| TR-77 | 799 |
| NEW! TR-91 | 948 |
| TR-101 | 1048 |
| TR-200 | Call |
| TR-300 | 999 |
| TR-500 | NEW! |
| CCD-VX3 | In Stock |

## PANASONIC

| | |
|---|---|
| PV-IQ 203 | 529 |
| PV-IQ 303 | 579 |
| PV-IQ 403 | 639 |
| PV-IQ 503 | Call |
| PV-43 (Stabilizer) | 829 |
| PV-53 (Stabilizer) | Call |
| PVS-63 | Call |
| PV-800 | 559 |
| PV-810 | Call |
| PVS-770 | 1058 |
| AG-3 | Call |
| AG-195 | Special |
| AG-455 | Call |

## CANON

| | |
|---|---|
| A-1 Digital | CANON |
| E-250 | PRO |
| E-520 | QUALITY |
| E-700 (Stabilizer) | LENSES |
| L-1 Pro | REALLY |
| UC-20 | GIVE |
| UC-S1 | YOU |
| UC-S2 | PRO |
| UC-S3 | QUALITY |
| UC-S5 (Stabilizer) | PICTURES |

— NEW! L-2 PRO —
CALL FOR LOW PRICES!

## SHARP

| | |
|---|---|
| VLE-30 | 799 |
| VLE-40 | 899 |
| VLHL-100 | 1449 |
| VLHX-10 | Call |
| VLN-1U | 629 |

### VHS

| | |
|---|---|
| VLL-290 | 689 |
| VLL-62 | 549 |
| VLL-63 | 779 |
| VLL-72 | 599 |
| VLL-77 | 829 |
| VLL-92 | Call |

## ACCESSORIES

| | |
|---|---|
| 5 yr. Camcorder Warranty | 149 |
| 3 Piece Autofocus Filter Kit | 79 |
| Hi-Res Telephoto Lens | 129 |
| Hi-Res Wide Angle Lens | 129 |
| Deluxe Fluid Head Tripod | 79 |
| 20 Watt Video Light | 49 |
| Lifetime Cleaning Warranty | 89 |

AND MUCH MUCH MORE!
CALL FOR OUR LOW PRICES!

## PANASONIC

### PV-53 Package

VHS-C • PICTURE STABILIZER • 20X1 ZOOM

*Includes all manufacturers accessories plus:*
- 3 yr. Extended Warranty (5 yr. total)
- 3 Piece Autofocus Filter Kit
- Extra Battery
- Video Light
- Carry Case

$1168

PVS-63 S-VHS-C (w/same pkg) ..... $1288

## HITACHI

| | | |
|---|---|---|
| VME-53A | 16x1 Power Zoom | 588 |
| VME-55A | Picture Stabilizer | 688 |
| VMH-38A | HI 8mm Format | 819 |
| VMH-39A | Color Viewfinder | Special |
| VMH-57A | Hi-Fi Stereo | Special |
| VMSP-1A | Water Resistant | Call |
| VM-1600A | Full Size VHS | Call |
| VM-2600A | 24x1 Power Zoom | Call |
| VMS-8200A | Super VHS Format | Call |

CALL FOR OUR LOW PRICES!

## NIKON

Pro Quality Glass Optics

| | |
|---|---|
| VN-340 | NEW! |
| VN-550 | NEW! |
| VN-750 | SPECIAL! |

*FREE! 5 yr. Extended Warranty on Parts & Labor**

## JVC

Amazingly Simple and Simply Amazing

| | | |
|---|---|---|
| GRAX-25 | 10x1 Zoom Lens | 549 |
| GRAX-35 | Low Lux | 599 |
| GRAX-55 | Built-in Light | 669 |
| GRAX-75 | Stabilizer | NEW! |
| GRSZ-1 | Super VHS-C | Call |

## FUJI

A Step Beyond The Sony

| | | |
|---|---|---|
| F-120 | 12x1 Zoom Lens | 599 |
| F-122 | Color Viewfinder | 649 |
| H-128 | HI 8mm | Call |
| P-701 | Video Projector | 588 |
| Spare Bulb F/P-701 | | 35 |

## RCA

*Made by Hitachi*

| | |
|---|---|
| PRO-808 8x1 Zoom | NEW! |
| PRO-830 10x1 Zoom | SPECIAL |
| PRO-840 12x1 Zoom | NEW! |
| PRO-930 Stabilizer | SPECIAL |
| PRO-883 Pix Stabilizer | CALL |

## SONY

### TR-65 Package

8MM • 10X1 ZOOM • COLOR VIEWFINDER
HI-SPEED SHUTTER

*Includes all manufacturers accessories plus:*
- 3 yr. Ext. Warranty (5 yr. total)
- Long Play Battery
- Cleaning Kit
- Carrying Case
- UV Filter

$948

TR-61 (w/same pkg).....$878

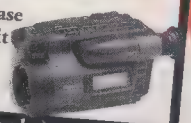
## SONY

### TR-500 Package

HI 8MM • COLOR VIEWFINDER • HI-FI STEREO
PICTURE STABILIZER

*Includes all manufacturers accessories plus:*
- 3 yr. Ext. Warranty (5 yr. total)
- Extra Battery
- Deluxe Carrying Case
- 3 Piece AF Filter Kit

$1888



TR-200 HI-8 (w/same pkg).....$1038

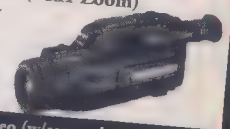
## SONY

### FX-520 Package

8MM • 12X1 ZOOM • LOW LUX

*Includes all manufacturers accessories plus:*
- 3 yr. Ext. Warranty (5 yr. total)
- Wide Angle Lens (Double Wide)
- Telephoto Lens (18x1 Zoom)
- Extra Battery
- Carry Case

$848



FX-620 Hi-Fi Stereo (w/same pkg).....$898

All merchandise is brand new, prices are for mail order only. Must call retail store for retail price and availability. 7 day money back guarantee. Must call for prior authorization. All items returned require a return authorization number and must be in brand new, factory sealed, mint condition with unified warranty cards. 14 DAY EXCHANGE POLICY PERTAINS TO ITEMS SENT BACK WITH APPROVAL AND WILL BE EXCHANGED ONLY FOR THE SAME ITEM. DEFECTIVE UNITS WILL BE TESTED. No exceptions. We reserve the right to limit quantities. Shipping, handling and insurance fees are non-refundable. Returns on equipment are subject to a restocking fee, some units may be parallel imports and USA warranty may be additional. NY residents must add appropriate sales tax. Equipment is subject to availability. Overnight delivery available upon request. Not responsible for typographical errors. Advertisement valid only for the month the magazine issue is marked. *FREE 1 YEAR EXTENDED WARRANTY IS GOOD IN USA ONLY! VALID W/PURCHASE OF A CAMCORDER. MUST REQUEST AT TIME OF PURCHASE.

VIDSV12

Circle 17 on Reader Service Card.

# Copy Any Tape!
All your tapes can look...

Video Simulation

as Clear as Day!

Video Simulation

with **INTELESTAR**

- **Connects easily to any VCR**
- **Durable metal casing**
- **Gold-plated cables**
- **2-Year Long-lasting Battery**
- **Copy Any Tape**

The Intelestar VS-400 defeats copyguard technology to give you crystal-clear copies of your favorite pre-recorded tapes.

ONLY 59.95 plus S & H.

The INTELESTAR VS-400 will allow you to make legitimate copies of pre-recorded cassettes using leading edge technology. In Addition, the INTELESTAR will purify your video signal by removing undesirable, distorted images caused by the copy guard on your pre-recorded tapes. Unauthorized duplication of copyrighted material is prohibited.

**Order Now!**

**800-829-7746**

Master Card, Visa, Money Orders. Se Habla Espanol. S&H Extra and non-refundable. We check for stolen credit cards.

Vista International, Inc
1971 E. 5th St., #101 • Tempe, AZ 85281

Circle 19 on Reader Service Card.


## TVCRS

*continued from page 76*

You'll need to reach behind most units to plug in a camcorder or another VCR for playing into the TVCR or dubbing from the built-in VCR. GE alone offers front input jacks, plus a second set of inputs and (tah-dah!) output jacks in the back. TVCRs don't usually have output jacks. Only the high-end hi-fi models from Panasonic, Quasar and Ten-Lab also allow you to feed the tuner or videotape signal to another video source or a better sound system.

Quasi-SVHS playback, which lets you play S-VHS tapes in machines that are otherwise VHS models, is available in TVCRs from Instant Replay, Panasonic, Quasar and Ten-Lab. But the rarest feature of all is user disassembly of the VCR. No one offers it. Even though the VCR is much likelier to require servicing before the TV, you'll have to haul the whole shebang to shop to have it repaired. ■

## POWER PRESENTS

*continued from page 59*

You really can't be considered a videophile unless you're into laserdisc, and the **Pioneer CLD-M401 combi player** ($760) is a perfect first player. Not only does it play laserdiscs, it incorporates a five-CD carousel changer, letting it double as a home theater source and party music machine. When we tested the CLD-M401 ("Videotests," May '93), we found its video quality amazingly good, within a decibel or two of Pioneer's $2,500 CLD-97. It's possible the extra bulk of the CD changer mechanism contributes to a better picture. We noticed similarly outstanding performance when we tested the first laserdisc player/CD changer, Pioneer's CLD-M90.

•

Generation loss is the bugbear of amateur video editing. Advanced editors often need to use several generations of videotape to create special effects, but in the process, they usually destroy the picture quality. Using a timebase corrector, or TBC, between the playback deck and the recorder will cut this loss by about 50 percent. At $950, **Hotronic's AP41 time base corrector** is one of the least expensive TBCs you can buy. Unlike most low-priced TBCs, which are built onto cards that fit in PCs or Amigas, the AP41 is a rack-mount, stand-alone unit. It offers a complete set of processing amp (or proc amp) picture controls, composite video and S-video inputs, and a genlock input so it can be synchronized with other TBCs or video sources for use with a Video Toaster. ■

## $14.98 FEVER

*continued from page 62*

Funny, touching and gorgeously designed—a unique film. **—MF**

**The Incredible Shrinking Man (MCA/Universal).** More than an archetype of '50s camp sci-fi, *The Incredible Shrinking Man* has acquired a profound resonance over the years. There's little suspense in this haunting saga of Robert Scott Carey (Grant Williams), who slowly disappears after being exposed to a mysterious gas cloud. Instead, the surprisingly somber story draws its power from Carey's struggle to hang onto reality as his world slips away. The action sequences that dominate the latter half of the film, where he spars with a house cat and a spider, show inventive use of a small budget, but it's the hero's lonely quest to define himself that elevates this classic to the level of a moving existential meditation. (I kid you not). Memorable closing line: "I still exist!" **—JY**

**Jason and The Argonauts (Columbia TriStar).** Following the adventures of an ancient Greek hero as he searches for the magical Golden Fleece, *Jason and the Argonauts* is the stuff of dreams with its flying Harpies, seven-headed Hydra, gigantic Olympian gods, sword-wielding living skeletons and more. It also features an uplifting Bernard Herrmann score and beautiful Greek locations. Most important, *Jason* cleverly taps into a childhood love of fairy tales and an adult longing for the simplicity of myth. The special effects (by Ray Harryhausen) are pretty nifty, too. **—TS**

**The Longest Yard (Paramount).** Robert Aldrich was the most "physical" director of mainstream movies this side of Sam Peckinpah, so what two better genres might he combine than prison pictures and football? Burt Reynolds plays a self-centered pro quarterback sentenced to prison, only to find that everybody—from fellow prisoners to his megalomaniac warden (Eddie Albert)—wants a piece of his throwing talent. The prison, the team and the game work together as a microcosm of the outside world, presenting Reynolds—a "Me Generation" everyman—with moral choices that can free him or condemn him. And if that analysis doesn't suit you, just enjoy Aldrich's bone-crunching mix of humor and brutality. **—BE**

# NO BULL....

# HOME THEATRE HEADQUARTERS

FOR ORDERS ONLY **1-800-662-8559**

INFO CALL **908-566-7100**

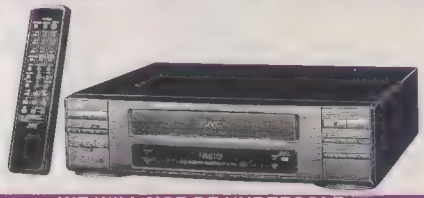
ALL MAJOR CREDIT CARDS ACCEPTED
C.O.D. IS ALSO AVAILABLE

DON'T BUY ANYTHING IN HOME THEATRE UNTIL YOU CALL US
WE WILL NOT BE UNDERSOLD!

## LET US CUSTOM DESIGN YOUR HOME THEATRE FOR YOU

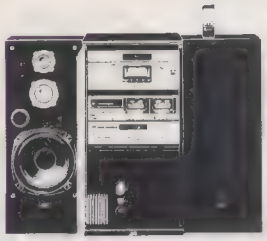
T.V.'s • VCR's • RECEIVERS • CASSETTE DECKS • CD'S • LASER PLAYERS • MINI SYSTEMS

**ALL HOME THEATRE SYSTEMS • ONKYO • KENWOOD • INFINITY • BOSE • JBL & MANY MORE !**



WE WILL NOT BE UNDERSOLD
Authorized Dealers
SONY Panasonic JVC TOSHIBA
PIONEER LaserKaraoke NHT PINNACLE
MITSUBISHI HITACHI RCA
ADVENT SHARP JBL Atlantic TECHNOLOGY
Cerwin-Vega! YAMAHA BOSE & MORE
LCD PROJECTION • ALL MODELS CALL

## HOME THEATER BUY OF THE YEAR!!

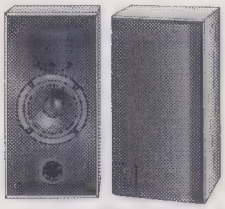


80 WATT PER. CHANNEL DOLBY PRO LOGIC RECEIVER
4 HD. HI FI VCR
HI PWR FRONT SPEAKERS
SURROUND SPEAKERS
SHIELDED CENTER CHANNEL SPEAKER
AND SUBWOOFER!

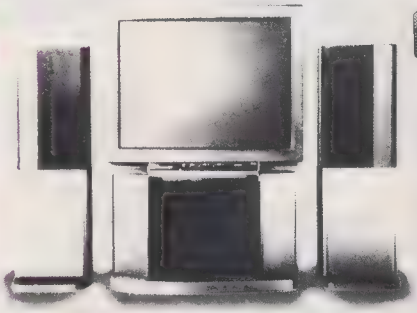
Reg. ~~1595~~

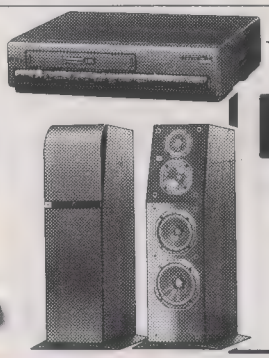
**999 00/xx**

COMPLETE



**ALL SPEAKERS ALL SIZES**





**ALL MODELS IN ALL SIZES INCLUDING FRONT PROJ. TO 150" IN STOCK CALL**

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH. NO BULL...

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH. NO BULL...

**ELECTROWORKS, INC**
YOUR AUTHORIZED DEALER

Technical Info. call 908-566-7100 - FAX 908-651-0331
ELECTROWORKS PLAZA 100 HWY. 34, MATAWAN, NJ 07747
545 HWY. 18 E. BRUNSWICK, NJ 08816

All merchandise shipped factory fresh & full USA warrantee applies on all products. Returns O.K. within 7 days exactly as received. Shipping and handling non-refundable. Call for return authorization number. Subject to re-stocking fee. Merchandise subject to price and availability changes. Service only after sale. Pictures are for illustration only.

Circle 20 on Reader Service Card

**The Miracle of Morgan's Creek (Paramount).** Preston Sturges wrote and directed eight movies for Universal between 1940 and 1944, seven of which are classics of American film comedy. This breathless farce, in which hapless Eddie Bracken tries to save the reputation of his pregnant beloved (Betty Hutton) is the culmination of that period. Faster than lightning, Sturges lampoons patriotism and motherhood (in wartime!), straining the censorship code in every scene. The oddball characters, great dialog and artfully controlled chaos are typical of Sturges, and the payoff is a surprise worthy of *The Crying Game*. MCA/Universal has other Sturges releases—*The Great McGinty, Christmas in July, The Lady Eve, The Palm Beach Story, Sullivan's Travels,* and *Hail the Conquering Hero*—that are also less than $15 and just as enthusiastically recommended. **—SLS**

**Northern Exposure: "Aurora Borealis: A Fairy Tale For Big People" (MCA/Universal).** With its snappy dialog, dime-store philosophy and relentlessly quirky and endearing characters, *Northern Exposure* harvests the fields first sown by David Lynch and *Twin Peaks*. Seven episodes are now available on separate cassettes from MCA/Universal; "Aurora Borealis" finds the show in peak form and features the first appearance of Adam, the Cro-Magnon gourmet chef with the relentlessly hostile demeanor, and Bernard, Chris the deejay's long-lost brother. And don't miss "Cicely," the episode that reveals how the "Paris of the North" earned its multi-cultural stripes. **—KK**

**Outer Limits: "O.B.I.T." (MGM/UA).** Often incorrectly tapped as a second-rate *Twilight Zone*, *Outer Limits* is in many ways superior to its better-known cousin. Unlike *Zone*, it is rarely dependent on clever-twist endings, and at its best, the 48-episode anthology series focuses on ordinary people—played by such actors as Robert Duvall, Sally Kellerman, and Martin Landau—caught in extraordinary predicaments. "O.B.I.T.," about strange goings-on at a military base, is the program at its best: a good yarn that makes you think as you hide under the covers. **—TS**

**Rebecca (FoxVideo).** "Last night I dreamed I went to Manderley again..." And it was teeming with foreboding and evil—especially from the sinister housekeeper, who poses the question: "Do you think the dead come back and watch the living?" In this shivery Daphne du Maurier adaptation, Alfred Hitchcock works his "cattle" well: Laurence Olivier speaks volumes with his silence as enigmatic Maxim de Winter, and Joan Fontaine is perpetually aquiver as his naive bride, overshadowed by the first Mrs. de Winter—Rebecca—who died under the proverbial "mysterious circumstances." It's by-the-book Gothic romance, but classed-up by a Franz Waxman score and, of course, Hitch. **—APB**

**Shenandoah (MCA/Universal).** James Stewart turned in one of the most successful performances of his career in this Civil War drama about a peace-loving Southerner whose family is pulled into the conflict. Some of the scenes in director Andrew McLaglen's drama are as fine as any in John Ford's best films, and the supporting players all had the best moments of their careers here. The picture's only problem lies in its difficult mix of comedy and brutality, but the actors—and the best scenes, of which there are many—carry it all off. **—BE**

**Sid & Nancy (Columbia TriStar).** If you think Gary Oldman made a scary Dracula, catch his mesmerizing

*continued on page 128*


# MAKING A GREAT VIDEO INCLUDES QUALITY SOUND TOO!

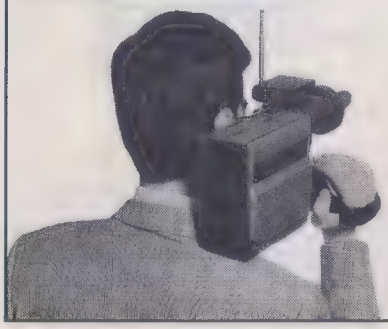
After using your camcorder the first time, you realize that the built-in microphone picks up sounds from all directions, including those you don't want. And, when shooting from a distance, you can't hear your subject's voice clearly. Azden, the leader in quality audio for video, offers a full line of microphones to make your sound as good as your pictures.

This powerful professional miniature VHF wireless system has a range of over 300 feet. It allows you to shoot from a distance and pick up your subject's voice clearly. It has 2 switchable frequencies, and it comes with 2 mics (handheld and clip-on). The transmitter clips to the subject's belt, and the mini receiver can attach to the camera (shoe mount & velcro included) or be kept in your breast pocket.

A professional VHF handheld microphone system with no wires. All the same features, and receiver as the WMS-PRO.

Lapel microphone system. Same receiver as WMS-PRO.

New 7" long directional mic. Allows you to zoom in on subject's voice, reducing side noises. Range 35-40 feet.



A mini 3 channel mic mixer for recording sound from 2 add-on mics and a personal stereo, while you're shooting. Only 2 1/8"x3 1/4" it can be attached to your camera or clipped to the handstrap. Cables included, needs no batteries.

Headset with boom mic for adding narration as you shoot. Your voice becomes the dominant sound recorded. Or, use it to monitor sound you're recording.

Write or call for full line literature

**AZDEN**® QUALITY YOU CAN HEAR

147 New Hyde Park Road, Franklin Square, NY 11010 (516) 328-7500 Distributed in Canada by GENTEC




Circle 21 on Reader Service Card.

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH.

# NO BULL. . . .

Orders 1-800-662-8559
1-800-NO BULL 93
1-800-NO-BULL6 (662-8556)
Canada 1-800-344-BULL(2855)
Info 908-566-7100

WE WILL NOT BE UNDERSOLD BY ANY AUTHORIZED DEALER*

NO BULL ....

AUTHORIZED DEALERS

SONY Panasonic JVC Canon PIONEER LaserKaraoke MITSUBISHI TOSHIBA aiwa HITACHI PHILIPS RCA SHARP Cerwin-Vega! JBL NHT ADVENT EMPIRE STEADICAM JR YAMAHA Atlantic TECHNOLOGY PINNACLE AZDEN NADY DCI RICOH WYNCOMCO FUJI & MANY MORE

## DO NOT CALL . . . UNLESS

- YOU ARE TIRED OF THE BULL . . . .
- YOU DON'T WANT TO BE BAITED & SWITCHED
- YOU'RE READY FOR A "NO BULL" SHOW

WE ACCEPT ALL MAJOR CREDIT CARDS - C.O.D. NO EXTRA CHARGE**

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH. NO BULL...

## Panasonic
Authorized Panasonic Dealer

PV43 E.I.S..PV53..20-1
PVS63E.I.S. Super..20-1
PVIQ303.....NEW
PVIQ403CLR.....NEW
PVIQ503H.F.CLR.NEW
PV332 C .....NEW
PV362 C .....NEW
PV800-PV810.....NEW
PV760 w/c E.I.S. ...NEW
PVS770 w/c SPR DGTL.NEW

### VCRs
PV2301 .....2 HD
PV4301 .....4 HD
PV4351 .....4 HD HF
PV4361,62.....4 HD HF
PVS4366.....SUPER JOG
PVS4380..SUPER TBC

### INDUSTRIAL
AG3P.....3 CHIP
AG195.....CALL
AG455.....SVHS
AG460.....SVHS
AG1970.....SVHS
WJMX-30.....MIXER
WJMX-50 .....MIXER
WJAVE-1.....MIXER
WJAVE-3.....MIXER
WJAVE-5.....MIXER
AGA96.....CTRL

## HITACHI
Authorized Hitachi Dealer

VM1600.....VHS12X
VM2600.....VHS24X
VMS8200.....SUPER
VM-E53A.....8MM 16X
VM-E55A.....16X EIS
VM-H57A.....HI-8 EIS
VM-H38A.....HI-8 EIS
VM-H39 A.....HI-8 EIS CLR
VM-SP1 A Sports..NEW

VT-M270.....4 HD
VT-M272... 4 HD VCR+
VT-F370..... 4 HD HF
VT-F372 4 HD HF VCR+
VT-F462 4HD HIFI VCR+
VT-F551 4 HD LOADED
VT-S 772 SUPER LOADED
20VR2 20"T/V/VCR

## JVC
Authorized JVC Dealer

GRAX25U .....NEW
GRAX35U.....NEW
GRAX55U.....NEW
GRAX75U E.I.S....NEW
GR-M 7 U .....NEW
GR-AW-1Sports...NEW
GRS-X 90 SUPER.CALL
GRS-505 SUPERCALL
GRS-Z1 E.I.S. MINI SUPER

HR-J 200.....2 HD
HR-J 400.....4 HD
HR-VP 404.4 HD VCR+
HR-J-600..... 4 HD HF
HR-VP 604.4 HD VCR+
HR-VP6064HFVCR+CBL
HR VP700.LDED+F.E.H.
HRS 4700.....SUPER
HRS 4900.....SUPER
HRS6900U.SPR LDED
HRP1U.....TV/VCR

### JVC SPECIAL FX
JXS100.....WE'LL
JXS300.....BEAT
JXSV55.....YOUR
JXS900.....BEST
JXT66-JXT88.....PRICE

## RCA
Authorized RCA Dealer

PRO 808.....8X
PRO 838.....10X
PRO 840 .....12X
PRO 930 .....16X
PRO 883HB .....HI 8
CC 412 .....12X VHS
CC 540.....24X VHS
CC 174 .....10X C
CC 178 .....10X C/MT
CC 188 .....10X C/W/LIT
CC 190 .....20X C E.I.S.

### VCRs
VR 501.....4HD
VR 506.....4HD
VR 526.....VCR+
VR 537.....VCR++
VR 601.....4 HD HF
VR 664.....HF VCR++
VR 720.....SVHS
VR 800...8MM VCR HF

WE'LL MATCH OR BEAT YOUR BEST DEAL

FULL SIZE VHS CAMCORDER $599

AUTHORIZED SONY DEALER 1993

## SHARP
Authorized Sharp Dealer

VLHL100UVIEWCAM..HI BAND
VLL63 SLIMCAM...VHS
VLN-1U .....8MM 12X
VLHX10 .....HI8
ALLVIEWCAM ACC .IN STOCK

### VCRs
VHC 66U.....6 HD
VHC 96U.....8 HD HF

## TOSHIBA
Authorized Toshiba Dealer

M 249.....2 HD
M 449.....4 HD
M 459.....VCR++
M 649.....4 HD HF
M 659.....VCR++
M 759.....LOADED

GO VIDEO $748 $579
GV3050 HF IN STOCK

## STEADICAM JR
Top name in camcorder stabilizations!
NEW LOWER PRICE

### VIDEO PRINTERS
HITACHI.....VY 15 A
PANASONIC....PV-VP1
SONY.....CVGP700

PAL & MULTI SYSTEMS CAMCORDERS VCR's T.V.'s CALL

## VIDEONICS
DIGITAL VIDEO MIXER
VIDEO EDIT MAKER B D
VIDEO TITLE MAKER E E
VIDEO EQUALIZER S A
BOING BOX T L
THUMBS UP S

## Canon
Authorized Canon Dealer

L-1 HI 8 .....CALL
A1 DIGTL HI 8 ....CALL
UCS-2 Hi 8.....CALL
UCS-3 Hi 8.....CALL
UCS-5 Hi 8.....E.I.S.
UC-1MINI .....CALL
UC-20 MINI .....CALL
E520 W/LITE.....CALL
E700..... E.I.S.
E 250 12-1 E350..NEW
E-67 8-1Hi Fi.....CALL

SPECIAL SUPER VHS VCR IN STOCK

## FUJI
Authorized Fuji Dealer

### CAMCORDERS
F120 SW.....CALL
F122SW.....CALL
F128 Hi 8 .....CALL
P401U 40" LCD .....CALL
P701U 70" LCD .....CALL

## MINOLTA
Authorized Minolta Dealer

8-918-2 CHIP HI 8CALL
RATED #1

## RICOH
Authorized Ricoh Dealer

R-87 = TR 200
R-18 = TR 101
R-16 = TR 61

$459$

## sima NADY AZDEN

| | |
|---|---|
| 101HT....CALL | WMSPRO CALL |
| 101LT.....CALL | WHXPRO CALL |
| 151LT.....CALL | WLXPRO...CALL |
| 151HT.....CALL | ECZ990....CALL |
| 351HT.....CALL | ECS440....CALL |
| 351LT.....CALL | VE-100 EDIT. EQ |

## LASER PLAYERS
Multi Laser

## SONY
PANASONIC LX 101, 600
PANASONIC LX 121, 150
PANASONIC LX 900 TBC
PANASONIC LXK 700KA2
PIONEER KARAOKE
SONY KARAOKE
4, 10, 28 SONG DISCS

$579$

## PHILIPS
PHILLIPS CD I
AT A NEW LOWER PRICE CALL NOW!
ALL SOFTWARE AVAILABLE

## PIONEER
LaserKaraoke

ALL MODELS.....CALL
SONY KARAOKE
PANASONIC KARAOKE
JVC KARAOKE
4 SONG - 10 SONG
28 SONG
LASER DISCS IN STOCK

GOVIDEO

### SVHS 8 MM MOVIES
Patriot Games.....24.95
Star Trek II.....24.95
Star Trek VI.....24.95
Top Gun.....24.95
City Slickers.....24.95
Raiders Of The Last Crusade.....12.95
Hunt Red October...24.95
Days of Thunder,....24.95
Ghost.....24.95
Godfather III(2 Parts)..37.95

8 MM MOVIES $14.95

VOICE ACTIVATED REMOTE
VP 8000 $149

## CAR STEREO
ALL CAR AUDIO

$579$

PIONEER.....CALL
ADVENT.....CALL
AIWA.....CALL
ALPINE.....CALL
BLAUPUNKT.....CALL
CLARION.....CALL
INFINITY.....CALL
JBL.....CALL
JVC.....CALL
KENWOOD.....CALL
MTX.....CALL

ALL MAJOR AUDIO

## HOME THEATRE

AUTHORIZED SONY DEALER 1993
AUTHORIZED PIONEER LaserKaraoke DEALER 1993
AUTHORIZED Panasonic DEALER 1993
AUTHORIZED JVC DEALER 1993
AUTHORIZED JBL DEALER 1993

KENWOOD.....CALL
ONKYO.....CALL
TECHNICS.....CALL
AIWA.....CALL
YAMAHA
ALL MAJOR BRANDS
ALL A/V RECEIVERS
ALL LASER PLAYERS
ALL CD PLAYERS
ALL CASSETTE DECKS
ALL SPEAKERS
ALL MINI SYSTEMS
ALL T.V.'s

### MINI DISC
SONY - SHARP - AIWA

### SPEAKER LINEUP
ADVENT.....CALL
BOSE.....CALL
CERWIN VEGA...CALL
INFINITY.....CALL
DESIGN ACOUSTICS...CALL
JBL.....CALL
NHT.....CALL
ATLANTIC TECHNOLOGY

### MINI SYSTEMS
AVAILABLE FROM SONY, JVC, YAMAHA, aiwa, PANASONIC, ONKYO & KENWOOD

## JVC
MXS2.....CALL
MXS4.....CALL
MXC5.....CALL
MXC9.....CALL
UXA4.....CALL
UXT1B.....CALL
UXT1W.....CALL

SONY TOSHIBA Panasonic

SHARP PIONEER LaserKaraoke

RCA JVC HITACHI ALL OTHERS CALL

DIRECT VIEW 8" TO 35"
PROJECTION 40" TO 70"
LCD PROJ. 2" TO 150"
TV/VCR COMBO

## JVC
13 TO 20" ALL MODELS
AV27BM4 AV31BX4
AV27BP4 AV35BP4
AV27BX4 AV35BH4
AV31BM4 AV35BX3
AV31BP4
NV55BX4 PROJ.

## HITACHI
13 TO 20" ALL MODELS
27AXOB 31DX21B
27AX3B 31GX31B
27AX4B 35TX30B
31DX11B 35TX50B
ALL CONSOLES
46 UX 12-13 ULTRA
50 UX 14-15 ULTRA
50 SX 5P ULTRA
60 SX 3-4 ULTRA

## RCA
13 TO 20" ALL MODELS
F27671SE F31700GG
F27631SF F31631SE
F27230EM F35730ST
F27730EM F35750ST
F27700MG F35700SB
ALL CONSOLES
P52755ST
ALL OTHERS CALL

PANAMAX SURGE PROTECTORS
A Must for HOME THEATRE

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH. NO BULL...

ELECTROWORKS, INC
YOUR AUTHORIZED DEALER

24 Hour Fax Order Line 1-908-566-8234 For Orders only 1-800-662-8559
Technical Info. call 908-566-7100 SUN 10-8 MON-THUR 9-10 FRI 9-4
100 Hwy. 34, Matawan, N.J. 07747 • 545 HWY. 18 E. BRUNSWICK, NJ 08816

All merchandise shipped factory fresh. Returns O.K. within 7 days exactly as received. Shipping and handling non-refundable. Call for return authorization number. Subject to re-stocking fee. Merchandise subject to price and availability changes. Service only after sale. All prices include a cash discount and reflect rebates where applicable. All orders accepted at management's discretion. Pictures are for illustration only. *At time of order only. **Does not apply to Freight or Foreign Deliveries. Prices in store may vary.

WE ARE AUTHORIZED DEALERS FOR ALL MAJOR BRANDS - WE WILL NOT BE UNDERSOLD!!!

Circle 20 on Reader Service Card.

# UNITED VIDEO & CAMERA EXPRESS

724 Seventh Ave. New York, NY 10019 • 24 Hour Fax 212•397•3056

Big Savings

## SONY

Hi8

### TR-101
FEATURES:
- 10:1 ZOOM
- DIGITAL SUPERIMPOSER
- DIGITAL FADER
- RC TIME CODE

**$1088**

### TR-200
FEATURES:
- QUICK AUTOFOCUS
- HANDYCAM STATION
- READYCHARGE SYSTEM
- 3 MODE PROGRAM AE
- HI-FI STEREO SOUND
- 8:1 ZOOM
- DUAL BATTERY CHARGING SYSTEM

**$768**

### CCD VX3
Hi8

FEATURES:
- 1/3" PRECISION CCD
- DIGITAL COLOR NOISE REDUCTION
- BUILT-IN NEUTRAL DENSITY FILTER
- 12:1 ZOOM
- 2 PAGE DIGITAL SUPERIMPOSER
- RC TIME CODE

**NEW**

### FX-520
FEATURES:
- 2 LUX MINIMUM ILLUMINATION
- 3-MODE PROGRAM AE
- DIGITAL FADER
- TILT-UP SPORTS VIEWFINDER
- WIRELESS REMOTE

**$628**

### TR-91
FEATURES:
- HI-FI STEREO
- COLOR VIEWFINDER
- 10 x 1 ZOOM
- DIGITAL SUPERIMPOSER
- STEADYSHOT FOCUSING

**$988**

### TR-61
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

**$628**

| | | | |
|---|---|---|---|
| TR-500 | NEW | FX-710 | $788 |
| TR-300 | $948 | FX-620 | $678 |
| TR-65 | NEW | FX-420 | $598 |

## RICOH

AUTHORIZED DEALER

### R-18H
Hi8

FEATURES:
- 10:1 ZOOM
- DIGITAL SUPERIMPOSER
- DIGITAL FADER

**CALL**

### R-16
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

*6 Year Warranty*

NEW R-17....CALL

**CALL**

## HITACHI

### VMH-38A
FEATURES:
- 64x ZOOM
- DIGITAL EIS
- SPECIAL EFFECTS
- HIGH-SPEED SHUTTER

Hi8 *2 Year Warranty*

### VMH-39A
FEATURES:
- 64x ZOOM
- 2 LUX
- DIGITAL EIS
- SPECIAL EFFECTS
- HIGH-SPEED SHUTTER

**COLOR VIEWFINDER**

### VM-E55A
FEATURES:
- 16 x 1 ZOOM
- DIGITAL EIS FADE
- 1 LUX
- TTL FOCUSING
- MULTIBRAND REMOTE
- FLYING ERASE HEAD

**IMAGE STABILIZER**

### VM-E53A
FEATURES:
- 16 x 1 ZOOM
- PROGRAM AE
- 1 LUX
- TTL FOCUSING
- MULTIBRAND REMOTE
- FLYING ERASE HEAD

**AUTHORIZED DEALER**

## YASHICA

### KX-V35
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

**CALL**

*3 Year Fault Free Warranty*

## SHARP

### VL-E30
FEATURES:
- 8:1 ZOOM
- 3" LCD COLOR
- FLYING ERASE HEAD
- DIGITAL EFFECTS
- NEURO AE

**$998**

VLH-100U.....CALL

## Canon

Hi8

### UC-S3
DIGITAL EFFECTS

### UC-S5
FEATURES:
- 24:1 ZOOM
- 1/10,000 SHUTTER
- OPTICAL STABILIZATION

*Canon Credit Cards Accepted*

**AUTHORIZED DEALER**

## RCA

### PRO-840
FEATURES:
- 12:1 ZOOM
- 1 LUX
- FLYING ERASE HEAD
- COLOR ENHANCEMENT LIGHT
- SCENE SELECT AE

**$788**

**AUTHORIZED DEALER**

## AccuGear

*Made In The U.S.A.*

### AVH-1
FEATURES:
- 250' DEPTH RATING
- MAIN POWER ON/OFF
- BEEP ANNOUNCEMENT
- START/STOP RECORD

**$998**

### AVH-2Z
FEATURES:
- 250' DEPTH RATING
- MAIN POWER ON/OFF
- BEEP ANNOUNCEMENT
- START/STOP RECORD

**ZOOM CONTROL** **$788**

### AVH-2
FEATURES:
- 250' DEPTH RATING
- MAIN POWER ON/OFF
- BEEP ANNOUNCEMENT
- START/STOP RECORD

**$588**

# 1•800•448•3738

IN NY STATE 212•247•7606•OPEN 7 DAYS 9AM-11PM

HOLIDAY Savings

ALL MAJOR CREDIT CARDS ACCEPTED

## Panasonic

### PV-IQ503
FEATURES:
- 10 x 1 ZOOM
- VHS-C
- HI-FI STEREO
- 1 LUX
- VIDEO LIGHT

$728

### PV-IQ403
FEATURES:
- 10 x 1 ZOOM
- VHS-C
- 1 LUX
- VIDEO LIGHT

$658

### PV-IQ303
FEATURES:
- 10 x 1 ZOOM
- VHS-C
- 1 LUX
- VIDEO LIGHT

$598

### PV-53
FEATURES:
- 20 x 1 ZOOM
- VHS-C
- 1 LUX
- IMAGE STABILIZATION
- COLOR VIEWFINDER

CALL

### PV-43
FEATURES:
- 20 x 1 ZOOM
- VHS-C
- 1 LUX
- IMAGE STABILIZATION
- COLOR DIGITAL FADE

$828

### PVS-63
FEATURES:
- 20 x 1 ZOOM
- S-VHS
- HI-FI STEREO
- 1LUX
- DIGITAL EIS
- COLOR DIGITAL FADE

$1048

| VHS-C | | FULL SIZE VHS | |
|---|---|---|---|
| PV-S62 | $998 | PVS-770 | $978 |
| PV-IQ-203 | $578 | PV-760 | $828 |
| PVS-372 | $998 | PV-750 | $748 |
| PV-362 | $788 | PV-800 | $588 |
| PV-332 | $648 | PV-810 | CALL |

## Panasonic INDUSRIAL

### AG-455
- 12 x 1 ZOOM
- HI-FI STEREO
- 1 LUX

$1588

| CAMERAS | |
|---|---|
| AG-460 | $2498 |
| AG-3 | $2498 |
| AG-190 | $788 |
| AG-195 | $998 |
| WV-D5100 | CALL |
| WV-F250 | CALL |

| VIDEO DECKS | |
|---|---|
| AG-1970 | CALL |
| AG-1960 | $888 |
| AG-1740 | CALL |
| AG-7450 | CALL |
| AG-5700 | CALL |
| AG-W1 | $1588 |

## DIGITAL A/V MIXERS

### WJ-MX30
FEATURES:
- FRAME SYNCRONIZER
- FREEZE FRAME
- STROBE PAINT
- COLOR CORRECTOR

*Available in Pal*

$2688

### WJ-AVE 5
FEATURES:
- FRAME SYNC
- FREEZE FRAME
- STROBE PAINT
- PIP

*Available in Pal*

$1288

### WJ-MX50
TOP OF THE LINE

*Available in Pal*

## JVC

### GR-SZ1
- 22 x 1 ZOOM
- EIS STABILIZER
- COLOR VIEWFINDER

$1388

### GRAX-35
- 10 x 1 ZOOM
- 1 LUX

$648

| | |
|---|---|
| GR-M7U | $788 |
| GRSX-90 | $798 |
| GRAX-75 Digital EIS | $898 |

## SHARP

### VL-63U
FEATURES:
- 12 x 1 ZOOM
- 0.5 LUX
- 1/10,000 SHUTTER
- AUTO MACRO

$688

AUTHORIZED DEALER

## Last-minute Gifts

## sima

### SPM-4
- AC/DC QUICKCHARGER
- RECONDITIONER
- CHARGES 2 BATTERIES AT ONCE

$78

### SPM-1
- DC QUICKCHARGER
- USES ANY CIGARETTE LIGHTER

$28

### SPM-2
- RECONDITIONER
- TESTER

$28

### SPM-3
- QUICKCHARGE DISCHARGE IN ONE CYCLE

$58

## CITIZEN LCD COLOR MONITORS

| | |
|---|---|
| M329 MKII | $148 |
| M938 3.8 INCH | $248 |
| T-470 | $298 |

## STEADICAM JR

WORKS WITH CANON

$448

AUTHORIZED DEALER

## CRYSTAL QUARTZ OPTICS

| | | | |
|---|---|---|---|
| WIDE ANGLE AF | $148 | 2.0-5 X ZOOM | $298 |
| 2 X TELE | $138 | 2.0-6 X ZOOM | $388 |
| 3 X TELE | $248 | FLIP LENSE | $88 |
| 5 X TELE | $278 | TR LENSE KIT | $188 |
| 12 X TELE | $598 | AF FILTER KIT | $69 |

## EDITORS/TITLERS/MIXERS

## sima

### PRO EDIT 5
$388

### PRO EDIT 4
$228

### PRO EDIT 3
$148

### COLORWRITER
$238

AVAILABLE IN PAL

### SCREENWRITER
$148

| | |
|---|---|
| PRO-EDIT 2X | $148 |
| PRO-EDIT 2 | $88 |
| PRO-EDIT 1 | $68 |

## VIDEONICS

### EDITMAKER
$498

### TITLEMAKER
$388

### THUMBS UP
$168

NEW MX-1 DIGITAL VIDEO MIXER...CALL

| | |
|---|---|
| VIDEO EQUALIZER | $228 |
| BOING BOX | $148 |
| PROCESSOR PLUS | $168 |
| GRAPHIC LIBRARY | $38 |

AVAILABLE IN PAL

## SUNPACK

### APT-200
- WIRELESS AUTO PAN HEAD
- 180° TILT
- MULTI DIRECTIONAL

$138

## VIDEO LIGHTS

| | |
|---|---|
| CV-AUTO 300 | $98 |
| CV-300 | $78 |
| CV-20 SA | $68 |
| CZ-200 | $58 |
| CZ-200A | $88 |
| RL-20 | $38 |

ALL LIGHTS INCLUDE BATTERY & CHARG-

## NADY

| | |
|---|---|
| 151 VR | $138 |
| 151HT | $178 |
| 351VR | $188 |
| 551PRO | CALL |
| SBM-500 BOOM | $68 |

## AMBICO

### V-6300
- EDIT 2 VIDEOS
- WIPE/FADE
- TBC/GENLOCK

$268

V-6305 COLOR TITLER ..... $198

## JVC

### JXT-88 VIDEO TITLER
$268

### JXT-66 VIDEO TITLER
$168

### JXS-V55 PRODUCTION CENTER
$398

| | |
|---|---|
| JXS-900 | $498 |
| JXS-300 | $188 |
| MZ-707 MIC | $138 |

## AZDEN

### VE-100/VPC-10
$288

### WIRELESS MICS

| | |
|---|---|
| WMS-PRO | $148 |
| WHX-PRO | $178 |
| WR2-PRO | $178 |
| WMS-200 | $88 |

### BOOM MICS

| | |
|---|---|
| ECZ-990 | $68 |
| ECS-440 | $48 |

CHARGE USE MUST BE IN ORIGINAL

Circle 24 on Reader Service Card

# BANG! BOOM!

*whisper whisper*

*whisper whisper*

# BOOM! BANG!

**Introducing the**

**VOLUME STABILIZER™**

**that lets you hear the whispers and stops you from cringing at the bangs.**

It's an innovative, low cost solution to home video volume control problems because it automatically increases the volume of the audio source during soft passages and reduces volume during loud passages. You'll hear every word of dialogue and every bar of music while the VOLUME STABILIZER softens the sounds that are normally too loud.

Whether you use a satellite dish, a home theatre system, or just a VCR, you can put the remote control aside. Prices start at $119.50.

For more information call or write:

**Brookline Technologies**

2035 Carriage Hill Road
Allison Park, PA 15101-3350
800-366-9290

**Circle 25 on Reader Service Card.**


## SMART SCREENS

*continued from page 66*

expected price of an electronic subscription is $1 a month. TVGO is eager to sign up as many people as possible. Real-world tests of TVGO have been under way since May at a Denver-area cable system owned by TCI.

### PREVUE EXPRESS

While TVGO and StarSight are neophytes in the business of onscreen channel guides, a third company has been offering electronic program schedules for several years. It's Prevue Networks, a subsidiary of the United Video Satellite Group in Tulsa, Oklahoma. If you watch cable, you've probably seen its program guide—a slowly scrolling grid listing all the shows on during a particular half hour. Prevue Networks is working on a system called Prevue Express to bring its channel guide into the interactive age.

Like StarSight and TVGO, Prevue Express will offer a program grid. Viewers will be able to scroll through channels at their own pace, and search through eight days of programs by day of the week, network or genre.

What will set Prevue Express apart from the others is interactive, moving video. Color-coded programs listed in the grid will be linked to promotional videos—such as a brief interview with the star of a pay-per-view movie—that will be stored at your local cable system's headquarters. If a movie sounds interesting, you'll be able to hit the remote and watch a personal telecast of the clip. "That's one of the most important components of what we're going to be releasing," says Mary Prodger, Prevue's vice president of programming and product development. "What the viewer is looking for is entertaining video."

A subscription to the service might cost from $2 to $4 a month, says Prodger. But Prevue Express' biggest problem is the cost of the home hardware. Right now, a Prevue Express cable box would cost $15,000, says Prodger, a figure the company expects to slash "considerably" over the next few months. Prototype units are scheduled to be delivered early next year, Prodger says.

### TIME WARNER

Forget about scrolling through text. What about following Bugs Bunny down the street? From the hints Time Warner is making about the multichannel cable system it's planning to launch in Orlando, Florida, later this year, that's what could happen. "You're not going to have one of these menu systems everybody's used to seeing," says Michael Luftman, Time Warner Cable vice president of communications. The plan is to make it "both easy and actually fun for people to move through service options" such as TV watching and home shopping.

Making channel-hopping fun seems quite a stretch, but Luftman says it can be done if viewers are able to follow after a "sort of guide character," perhaps a Warner Bros. cartoon animal. Instead of reading your choices, you'll see "an actual video representation of what you will be able to do," Luftman says. If you want to watch a pay-per-view movie, you'll just walk into a movie theater.

### FROX

A navigation guide that's already on the market, though it reaches a specialized audience, is the one that's part of a computer-based home theater control system sold by Frox, a Milpitas, California company. The Frox navigator includes an attractive, color-coded program grid that can be used to search for shows meeting several criteria—for example, Clint Eastwood movies rated PG. With a push of a button, you can get the system to remind you about a show just before it starts to air.

The program guide is one of many high-end features in the Frox system. Others include a line doubler, a digital audio processor and a one-button remote that controls the whole system through Macintosh-like onscreen menus. Sold through custom-installation dealers, Frox costs a cool $15,500. Frox's program guide costs another $14.95 a month.

### APPLE & MICROSOFT

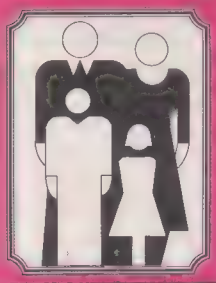
As televisions and computers converge on the playing field of complex cable systems, two of the giants of the

## TECH TIP

### *Calling all tipsters*

Do you know something we don't about VCRs, TVs, camcorders and other home video equipment? We'll share it with our readers if you share it with us as a "Tech Tip." We'll also give you credit and a $25 bounty for each tip we publish. Tips should be informative and to the point. Please include your name, address and phone number—and a self-addressed, stamped envelope if you wish your submission returned. Send submissions to Tech Tips, *Video Magazine*, 460 West 34 Street, New York, NY 10001.

SHOP WITH CONFIDENCE BECAUSE YOU HAVE A FRIEND IN THE FAMILY AT FAMILY PHOTO & VIDEO



# Family Photo & Video

24 HOUR FAX HOTLINE
1-718-998-6650
CUSTOMER SERVICE LINE
1-800-405-PHOTO
LOCAL NY LINE
1-718-645-1298

# 1-800-309-PHOTO

WE ACCEPT ALL MAJOR CREDIT CARDS WITH NO SURCHARGE! WE SHIP COD!
WE SHIP ANYWHERE ON EARTH! WE SHIP OVERNIGHT OF PROMPT!

## PIONEER

**CLD-D502 LASER DISC**
•Digital Special Effects
•Jog/Shuttle
$720

**CLD-V820 KARAOKE**
•Laser Disc Player
•Two Sided Play
$600

**VSX-D1S RECEIVER**
•Dolby Pro Logic w/DPS
•130 Watts Per Channel
$770

**VSX-D902S RECEIVER**
•Dolby Pro Logic w/DPS
•125 Watts Per Channel
$690

**PD-TM3 CD**
•18 CD Play
•Random Play
$300

**CT-W802R CASSETTE**
•Dual Auto Reverse
•CD Deck Synchro
$240

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CLD-D502 LASER DISC | 450 | CLD-V740 LASER KARAOKE | CALL | VSX-512S RECEIVER | 325 | PD-TM2 CD | 295 | PD-M502 CD | 150 |
| CLD-M401 LASER DISC | 435 | CLD-V720 LASER KARAOKE | 515 | VSX-502 RECEIVER | 298 | PD-DM902 CD | 260 | CT-WM62R CASSETTE | 285 |
| CLD-M301 LASER DISC | 365 | VSX-D902S RECEIVER | 690 | VSX-452 RECEIVER | 225 | PD-DM802 CD | 220 | CT-W602R CASSETTE | 200 |
| CLD-S201 LASER DISC | 300 | VSX-D702S RECEIVER | 500 | VSX-402 RECEIVER | 198 | PD-M702 CD | 175 | CT-W502R CASSETTE | 155 |
| CLD-V840 LASER KARAOKE | CALL | VSX-D602S RECEIVER | 435 | | | PD-M552 CD | 159 | CT-W402R CASSETTE | 140 |

## SONY

**CCD-TR101**
•Hi Fi
•10x1 Zoom
•Stabilization
•Hi Band 8mm
$1000

**CCD-TR61**
•Hi Fi
•Palmsize
•Dual Lens
•10x1 Zoom
$620

**CCD-FX620**
•Hi Fi
•12x1 Zoom
•Sportsfinder
•3 Mode Program AE
$685

**SLV-900HF VCR PLUS**
•Cable Mouse
•Flying Erase Head
$420

**EV-S3000 VCR**
•Hi Band 8mm
•TBC Shuttle, Remote
$1200

**MDP-455 LASER DISC**
•Noise Reduction
•3 Line Digital
$345

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCD-TR21 | 580 | CCD-TR101 | 1000 | CCD-FX520 | 610 | SLV-400 VHS | 235 | SLV-750 VHS | 385 | EV-C100 8MM | CALL |
| CCD-TR31 | 565 | CCD-TR200 | 720 | CCD-FX620 | 685 | SLV-595 VHS | 325 | SLV-900 VHS | 420 | EV-S3000 8MM | 1200 |
| CCD-TR61 | 620 | CCD-TR300 | 915 | CCD-FX710 | 780 | SLV-696 VHS | 370 | SLV-R1000 VHS | 890 | EV-S2000 8MM | CALL |
| CCD-TR65 | 720 | CCD-TR500 | CALL | CCD-VX3 | 2795 | SLV-700 VHS | 335 | SLV-R5 | 795 | GV-S50 8MM/TV | 736 |
| CCD-TR71 | 565 | CCD-FX310 | 515 | | | | | EV-C40 8MM | CALL | SL-HF 360 BETA | 345 |
| CCD-TR81 | 750 | CCD-FX410 | 520 | | | | | EV-A50 8MM | 333 | SL-HF 21000 BETA | 1090 |
| CCD-TR91 | 920 | CCD-FX420 | 555 | | | | | EV-S550 8MM | 445 | MDP-605 LASER DISC | 535 |

## Panasonic

**PV-43**
•1 Lux
•Stabilization
•20x1 Digital Zoom
•Color Digital Fade
$800

**PV-IQ403**
•1 Lux
•Video Light
•10x1 Zoom
•Color Viewfinder
$600

**PV-S63**
•S-VHS-C
•Stabilization
•360,000 Pixels
•20x1 Digital Zoom
$1000

**PV-S4366 VCR**
•Super VHS
•Hi Fi Stereo
$415

**PV-S4380 VCR**
•Super VHS
•Time Base Corrector
$710

**AG-455**
•1 Lux
•S-VHS
•VITC Generator
•Time Based Corrector
SEE BELOW FOR FULL PROFESSIONAL LINE
$1530

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PV-S770 | 965 | PV-332 | 560 | PV-S62 | 980 | PV-2301 | 165 | PV-4311 | 205 | PV-S4366 | 415 |
| PV-810 | 565 | PV-362 | 644 | PV-S63 | 1000 | PV-4301 | 200 | PV-4314 | 225 | PV-4250 | 260 |
| PV-IQ203 | 523 | PV-S372 | 848 | | | | | PV-4351 | 250 | PV-4260 | 280 |
| PV-IQ303 | 545 | PV-42 | 730 | | | | | PV-4361 | 305 | PV-S4266 | 370 |
| PV-IQ503 | 670 | PV-53 | 890 | | | | | PV-4362 | 335 | PV-S4280 | 555 |

## Canon

**E-250**
•Hi Fi
•12x1 Zoom
•180 Flexi-Grip
•Title Scroll Display
$575

**A1 DIGITAL**
•Hi-8mm
•10x1 Zoom
•410,000 Pixels
•Digital Special Effects
$1075

**UC-S5**
•24x1 Zoom
•Stabilization
•Hi-Band 8mm
•5 Program Modes
CALL

| | | | | | |
|---|---|---|---|---|---|
| L-1 | 1880 | UC-20 | CALL | E-230 | 495 |
| A-1 DIGITAL | 1075 | E-520 | 580 | E-210 | 480 |
| UC-S5 | CALL | E-350 | 630 | E-67 | 615 |
| US-C3 | CALL | E-250 | 575 | E-65 | 500 |
| UC-S2 | 746 | | | E-57 | 600 |
| UC-S1 | CALL | | | E-51 | 500 |
| UC-1 | 545 | | | H-850 | 640 |

## RCA

**PRO 808**
•1 Lux
•8x1 Zoom
•Remote Control
•Flying Erase Head
CALL

**PRO 830**
•1 Lux
•10x1 Zoom
•Remote Control
•Flying Erase Head
CALL

**VR-720HF VCR**
•S-VHS VCR Plus
•Cable Box Control
CALL

| | | | | | |
|---|---|---|---|---|---|
| CC-174 VHS-C | CALL | PRO-830 8MM | CALL | VR-720HF VCR | CALL |
| CC-178 VHS-C | CALL | PRO-840 8MM | CALL | VR-667HF VCR | CALL |
| CC-188 VHS-C | CALL | PRO-883 8MM | CALL | VR-664HF VCR | CALL |
| CC-190 VHS-C | CALL | PRO-930 8MM | CALL | VR-658HF VCR | CALL |
| CC-412 VHS | CALL | | | VR-601HF VCR | CALL |
| CC-540 VHS | CALL | | | VR-537HF VCR | CALL |
| PRO-808 8MM | CALL | | | VR-526A VCR | CALL |

## JVC

**GR-SZ1**
•S-VHS
•22x1 Zoom
•Hi Fi Stereo
•Color Viewfinder
$1230

## VIDEONICS

**TITLEMAKER**
•Super Impose
•8000 Character Memory
$330

## sima

**FX/ED IT4**
•Unique Crossfader
•Stereo Sound Mixer
•Variable Wide & Fade
•Digitally Controlled
$180

## RICOH

**R-18H**
•Stabilization
•Hi-Band 8mm
CALL

## Panasonic

**AG-1970 VCR**
•Jog Shuttle
•Time Base Correction
CALL

## CITIZEN

**3" COLOR MONITOR**
M329
$120

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| GRS-Z1 | 1230 | Title Maker | 330 | SFX-5 Video Pro Magic | CALL | R-16 | CALL | PROFESSIONAL INDUSTRIAL | | M-329 Color Monitor 3.0" | 120 |
| GR-SX90 | 710 | Edit Maker | 450 | FX ED/it 4 | 180 | R-87H | CALL | AG-455 | 1530 | M-329 PAL | 120 |
| GR-M 7 | 670 | Thumbs Up | 145 | FX ED/it 3 | 125 | R-18H | CALL | AG-460 | 2240 | M-938 Color Monitor 3.8" | 200 |
| GR-M 5 | 510 | Sound Effects Mixer | 110 | FX ED/it 2 | 65 | WE CARRY A FULL LINE OF NIKON & YASHICA CAMCORDERS AT GUARANTEED LOW PRICES | | AG-W1 | CALL | TV Tuner | 57 |
| GR-M 3 | 465 | Processor Plus | 112 | FX ED/it 2X | 140 | | | AG-3 | 2350 | AC Adaptor | 19 |
| GR-AX5 | 490 | Equalizer | 210 MX-1 Mixer...Call | Stereo Sound Mixer | 45 | | | AG-1270 | 235 | Car Adaptor | 28 |
| GR-AX10 | 555 | | | Screenwriter | 125 | | | AG-1280 | CALL | | |
| GR-AX75 | 790 | | | Colorwriter Magic | 220 | | | AG-1740 | 340 | | |
| HR-S 6900 | CALL | | | Booster Box | 20 | | | WJ-TTL5 | 205 | | |
| HR-S 6800 | 560 | | | Copy Kit | 20 | | | WJ-MX50 | CALL | | |
| HR-S 4900 | CALL | | | Copy Kit 2 | 30 | | | WJ-MX30 | 2440 | | |
| HR-S 4700 | 425 | | | Copy Kit 3 | 75 | | | WJ-MX12 | 1500 | | |
| HR-VP700 | 370 | | | Edit Mike Pro | 25 | | | WJ-AVE5 | 1140 | | |
| HR-VP606 | 335 | | | Lapel Mike | 21 | | | WJ-AVE3 | 320 | | |
| HR-J600 | 280 | | | Universal Mini Cam Light | 35 | | | AG-A96 | 340 | | |
| HR-J400 | 200 | | | Mini Video Prop | 25 | | | CT-1383Y Monitor | 240 | | |

## MITSUBISHI

**HS-U59 VCR**
•VCR
•Hi Fi Stereo
$455

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| HS-U82 | 739 | HS-U69 | CALL | WE CARRY A FULL LINE OF AZDEN | | VM-H38A | CALL | | | | |
| HS-U65 | 570 | HS-U58 | 380 | | | •Stabilization | | | | | |
| HS-U56P | 370 | HS-U56 | 320 | | | •Hi-Band 8mm | | | | | |
| HS-U48 | 350 | HS-U38 | 270 | | | VM-H39A | CALL | | | | |
| | | | | | | VM-E53A | CALL | | | | |
| | | | | | | VM-E55A | CALL | | | | |
| | | | | | | VM-H57A | CALL | | | | |
| | | | | | | ALL MODELS IN STOCK AT GUARANTEED LOW PRICES | | | | | |

## HITACHI

## VIDEO REWINDERS

**8MM REWINDER**
$25

| | |
|---|---|
| 8mm Rewinder | 25 |
| VHS Rewinder | 15 |
| Beta Rewinder | 20 |

CALL FAMILY VIDEO & GET GUARANTEED LOW PRICES

Company Policy: All merchandise is brand new and factory packed. We accept all Major Credit Card & COD. Money Order should be sent to 1961 CONEY ISLAND AVE. BKLYN. NY. 11230. Allow 4 weeks for Personal Checks. Merchandise Returntable within 7 days for refund or exchange. All returnes must be in original mint condition with factory box packaging & all paperwork. Refunds given less 5% Restocking Fee and less Shipping & Handling Charges. Prices are good for phone and mail order only. Products advertised do not carry Manufacturers USA Warranty. Not Responsible for typographical errors. PRICES VALID UNTIL END OF MONTHLY ISSUE. DCA# 0898874

Circle 26 on Reader Service Card.

# 47st. Photo®

For Visa, Mastercard and Discover phone orders,
**Call Our Video Hotline Toll Free**
Out-of-State or Upstate N.Y. EST Daily 8-7, Sun.10-5, Fri. 8-2 (Closed Sat.) **1-800-221-3513**

In NY & for General info—or if Toll-Free lines are busy EST Daily 9-6, Sun.10-5, Fri. 9-2 (Closed Sat.) **1-718-722-4750**

**COUPON SAVINGS** VMG 1293/5
**FREE Shipping & Handling IN THE CONTINENTAL USA**
PLEASE REFER TO COUPON #VMG1293/G WHEN ORDERING
Offer valid on items in this ad only via UPS Ground

*Dear Customer,*
*47st. Photo is THE SOURCE for Camcorders, VCRs, TVs, Video Editing and Multimedia equipment available for NTSC, PAL & SECAM*
*At 47st. Photo we continually strive to make your shopping experience with us simpler and more pleasant. We are here to listen to you.*
*I invite you to fax me directly at 718-625-2603 with your comments and suggestions.*
*Sincerely*
*Irving Goldstein*
*President; 47st. Photo*

**COUPON SAVINGS** VMG 1293/1
**FREE 3-Year Extended Warranty**
**A $99 Value** w/Purchase of any VCR or Editing System
PLEASE REFER TO COUPON #VMG1293/1 WHEN ORDERING

**COUPON SAVINGS** VMG 1293/2
**FREE 5-Year Extended Warranty**
**A $199 Value** w/Purchase of any Camcorder or TV
PLEASE REFER TO COUPON #VMG1293/2 WHEN ORDERING

## Panasonic

***From our Pro Video Dept***

### *New!* AG-3
Super VHS-C camcorder with 3-CCDs for 530 lines horizontal resolution. 10x zoom with 20x digital zoom, Image Stabilization, 1-Lux low light, Time Base Corrector, Digital Effects

**3-CCDs For Broadcast Quality Video**

### PV-IQ403
VHS-C compact camcorder with 10x Zoom, Color Viewfinder & remote

### PV-43
VHS-C compact camcorder with 20x Digital zoom & Digital image stabilizer

## Canon

### *New!* UCS5
Pocket Hi8 Camcorder with Optical Image Stabilization, 12x zoom lens & Digital 24x Zoom plus wireless remote

### E700
8mm Camcorder with optical image stabilization and 12x zoom

### E520
8mm Camcorder with world's first pop-up light for 0 lux shooting

## Professional Multi-Function Super-VHS Editing System

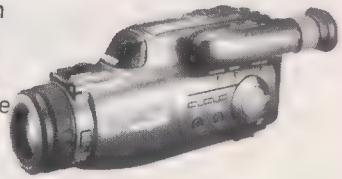
- AG-1970
- AG-1970
- AG-A96

Make your next video production soar to new heights! This professional S-VHS editing system features two AG-1970 S-VHS editing VCRs plus the AG-A96 editing controller. Together they let you produce insert & assemble edits plus audio dubbing & much more!

## SONY

### CCD-TR91
8mm Hi-Fi Stereo Handycam w/Steadyshot℠ image stabilization

### CCD-TR65
8mm Hi-Fi Stereo Handycam with color viewfinder and 10:1 zoom



### CCD-FX520
8mm Compact Handycam with 12x zoom multi-angle sportsfinder & Digital Special Effects

**For even quicker processing, FAX your order or inquiry to us at 1-718-722-3510/3511**

Circle 27 on Reader Service Card.

computer industry, Apple Computer and Microsoft, are considering navigation systems as one point of entry into home video. At an industry conference in June, Apple chairman John Sculley demonstrated a navigator under development called EZTV. Apple is proposing to use EZTV as a gateway for channel-grazing, as well as such interactive features as pay-per-view movies and home shopping, according to the industry journal *Television Digest*. EZTV would also be able to control other home-entertainment devices, and deliver additional information about programs. For example, a viewer could access a batter's stats during a baseball game.

At this year's National Association of Broadcasters convention, software giant Microsoft demonstrated its vision of television's future. Interactive TV should let the user "navigate easily through the large amount of programming content available with an intelligent, simple-to-use onscreen program guide," said a Microsoft spokesman.

Microsoft has joined forces with cable/satellite supplier General Instrument and chip-maker Intel to create a next-generation cable box that GI calls a "PC-powered converter." The box, effectively a small computer, would use tehnology from Microsoft's Windows operating system, designed specifically for interactive television.

"One of the first third-party applications expected," says GI, "is an onscreen electronic program guide to help viewers search for programming by subject matter and categories." GI expects to finish the new cable boxes in 1994.

There's no shortage of people struggling to build a business out of making it easier for people to plop down in front of their TV sets. But it's essential the solutions they promise don't create new sets of problems. They really do have to make technically complex questions of channel navigation virtually invisible to the people who use the new systems. In the end, ease of use may be the navigators' biggest challenge and the basis on which they succeed or fail. ■

## TECH TIPS

### *Remote check*

To make sure an infrared remote control is working, tune an AM radio to between 540 and 700 kilohertz while pressing a button on the remote. Hold the remote as close to the antenna as possible. You should hear a noise sounding like a machine gun or a "ray gun" effect from a science-fiction movie. While this will confirm the condition of the remote's battery and electronics, it won't tell you if its codes are set properly for your equipment.

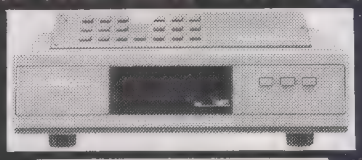
Timothy Clarey
Brockport, New York

### *Zoom with a view*

You don't need a camcorder with digital zoom to shoot extreme closeups of distant subjects. All you need is a VCR, a color TV (preferably 19 inches or larger) and your camcorder. Set the camcorder to its top zoom level and record your distant subject. Next, insert the freshly shot tape into the VCR and play it on the TV screen. (If the tape is not in the same format as your VCR, make a playable copy.)

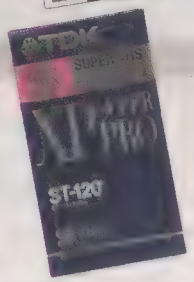
Put a new tape into the camcorder and point it at the TV screen. Use the macro setting, so that it elarges the subject on the screen. Adjust the TV to get the best picture and record the portion of your original video you wish to keep.

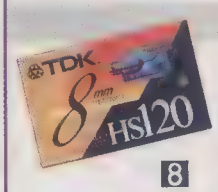
Tim Gort
Port Angeles, Washington


CABLE TV DESCRAMBLERS
Best Prices in the U.S.A.!
Guaranteed to Work!
WE WILL BEAT ANY PRICE!

JERROLD PANASONIC
SCIENTIFIC ATLANTA PIONEER
The Newest & the Latest
DMTB-A - all Jerrold Impulse & Starcom series
SA3-DFA - all Scientific Atlantas incl. 8536, 8536+, 8580, Drop-field
PN-3A - all Pioneer systems
ALSO
FTB3, SA3, TZPC145G
24 HOUR SHIPMENTS
30 DAY MONEY BACK GUARANTEE
FREE CATALOG & INFORMATION
1-800-772-6244
M-F: 9-6 EST
U.S. Cable TV, Inc. Dept.: KVM123
4100 N. Powerline Rd, Bldg. F-4 Pompano Beach FL 33073
NO FLORIDA SALES!
Circle 28 on Reader Service Card.



SINCE 1977 • 16 YEARS OF EXCELLENCE
CAMERA WORLD OF OREGON
West's Largest Video Camcorder & Photo Dealer!
TDK®
8mm • VHS-C • VHS Video Tapes

VHS
Ideal for daily VCR programming, where picture quality, contrast, color & audio reproduction must be maintained over repeated use. Length: 120 min.

S-VHS
Designed for high-quality sources and for editing & mastering applications. Extra high output, very low noise for outstanding picture definition & audio reproduction.

VHS-C
Excellent color, contrast & detail for vivid images. TDC binder and precision mechanism for high reliability. S-VHS-C also avail.

8mm
Outstanding durability & reliability - even with repeated use. High-precision mechanism resists heat & shock. Lengths: 60 min. or120 min.

Hi-8
Ultra-fine, high output super Finavinx metal particles for high-definition images. Lengths: 60 or120 min. Metal evaporated also avail.
CALL TOLL FREE, ORDERS ONLY
1-800-222-1557
Inquiries: (503) 227-6008 • FAX: (503) 222-7070
CAMERA WORLD OF OREGON
OPEN 7 DAYS A WEEK!
MON-SAT: 6am-6pm
SUNDAY: 8am-5pm
(Pacific Standard Time)
500 S.W. 5th Avenue • Portland, Oregon 97204
Circle 29 on Reader Service Card.

# CAMERA WORLD OF OREGON

ESTABLISHED 1977 IN PORTLAND, OREGON
500 S.W. 5th Avenue • Portland, OR 97204

ORDERS ONLY
CALL TOLL FREE **1-800-222-1557**

Inquiries & Customer Service
(503) 227-6008
FAX: (503)222-7070

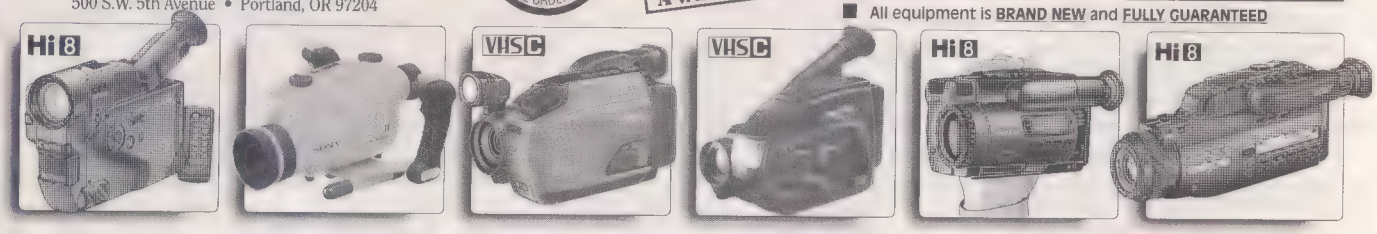
**WEST'S LARGEST PHOTO & VIDEO CAMCORDER DEALER!**

BUYER'S CHOICE TOP RATED MAIL ORDER DEALER

OPEN 7 DAYS A WEEK!*

- **OPEN 7 DAYS A WEEK!***
  MON-SAT: 6am - 6pm* (PST)
  SUNDAY: 8am - 5pm* (PST)
  *Mail Order Division Hours Only.
- All equipment is BRAND NEW and FULLY GUARANTEED

FULL MANUFACTURER'S USA WARRANTY ON ALL MAJOR PRODUCTS




PERSONAL CHECKS WELCOME

Prices subject to verifiable manufacturer's price increase

All Equipment is BRAND NEW and FULLY GUARANTEED

OPEN SUNDAYS 7 DAYS A WEEK

## ★ Authorized Dealer ★

Canon JVC SONY
Panasonic HITACHI RCA
Nikon Quasar PIONEER
MINOLTA OLYMPUS PENTAX
FUJI SUNPAK CHINON
TDK SIGMA Tokina Kodak
SLIK Mamiya BRONICA bogen
RICOH Polaroid Vivitar BESELER
YASHICA TAMRON Konica Metz

## VIDEONICS

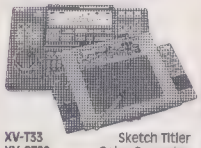
### VIDEO EDITING SYSTEMS

| | |
|---|---|
| Video Edit Maker | Call |
| Thumbs Up Editor | Call |
| Video Equalizer | Call |
| Sound Effects Mixer | Call |
| Title Maker | Call |
| Digital Mixer | Call |

*Call for Prices*

## SONY

### VIDEO EDITORS



| | |
|---|---|
| XV-T33 | Sketch Titler |
| XV-C700 | Color Corrector |
| XV-C900 | Color Corrector |
| RM-E100VA | Edit Controller |
| RM-E700 | Edit Controller |
| PHV-A7 | Film-to-Video Convter. |
| HVT-80A | Film-to-Video Convter. |
| SB-V1 | Switcher |
| SB-V4B | Switcher |
| SB-V700 | Switcher |
| SB-V900 | Matrix Switcher |

*Call for More*

## SUNPAK

### VIDEO LIGHTS

| | |
|---|---|
| Auto CV-300 | 99.85 |
| CZ-200 Auto | Call |
| CZ-200 | 59.85 |
| Readylite 10 | 49.85 |
| Readylite 20 | 49.85 |
| Auto Pan Head | Call |

*Call for More*

## NADY

### MICROPHONES

151 VR/LT
*Wireless lav. mic system. 120 dB dynamic range. Up to 200 feet operating range*

## JVC

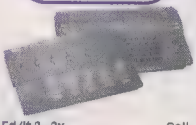
### VIDEO EDITING SYSTEMS

| | | |
|---|---|---|
| JX-T88 | Titler | Call |
| JX-T66 | Titler | Call |
| JX-SV55 | Video Editor | Call |
| JX-S100 | A/V Selector | Call |
| JX-S300 | A/V Selector | Call |
| JX-S900 | A/V Selector | Call |
| CG-V60 | Character Gener. | Call |

## Panasonic

| | | |
|---|---|---|
| WJ-AVE1 | New Titler | Call |
| WJ-AVE3 | Digital FX Gener. | Call |
| WJ-AVE5 | Digital A/V Mixer | Call |
| WJ-TTL5 | Char. Generator | Call |

## sima



| | |
|---|---|
| Ed/It 2, 2x | Call |
| Pro Ed/It 3 | Call |
| Pro Ed/It 4 | Call |
| Pro Magic SFX-5 | Call |
| Pro Ed/It 4 | Call |
| Color Writer Magic | Call |
| Sound Mixer | Call |
| Sound Mixer (Stereo) | Call |
| VHS Rewinder | Call |
| 8mm Rewinder | Call |

### Telephoto & Wide Angle Lens Set

*For Sony TR-101 Camcorder*
*Made in Japan*

- 1.5x Telephoto Lens (52mm)
- 0.65x Wide Angle (52mm)
- Protective Case & 2 Lens Caps
- Instruction Sheet

ON SALE $64.85

## AZDEN

### VIDEO ACCESSORIES

| WMS-Pro | ECM-111 | ECZ-990 |
|---|---|---|
| WMX-Pro | WR2-Pro | HS-7V |

- AVS-20 ..... Switcher
- AVS-10 ..... Switcher
- VE-100 ..... Editor

*Call for Prices*

## Panasonic

*Authorized Panasonic Dealer*

VHS C

### CAMCORDERS

| | | |
|---|---|---|
| PV-IQ203 | 10x Zoom | Call |
| PV-IQ303 | With Light | Call |
| PV-IQ403 | Color Viewfndr. | Call |
| PV-IQ503 | Color Viewfndr. | Call |
| PV-43 | 10x Zoom, E.I.S. | Call |
| PV-53 | Color Viewfndr. | Call |
| PV-S63 | Super-VHS-C | Call |
| PV-800 | 12x Zoom | Call |
| PV-810 | w/Case & Light | Call |
| PV-S770 | Super-VHS | Call |
| AG-455 | Super-VHS | Call |

### VIDEO RECORDERS

VHS HQ

| | | |
|---|---|---|
| PV-2301 | All Ch. Auto Set | Call |
| PV-4301 | 4 Head | Call |
| PV-4351 | 4 Head, Hi-Fi | Call |
| PV-4361 | VCR+ Built-In | Call |
| PV-S4366 | S-VHS, VCR+ | Call |
| PV-S4380 | Jog Shuttle | Call |
| AG-1970 | Super VHS | Call |

### ACCESSORIES

| | | |
|---|---|---|
| PV-A118 | Batt. Charger | Call |
| PV-C80 | Car Batt. Cord | Call |
| PV-G40 | Char. Generator | Call |

## Panasonic

VHS C

**New IQ Series Design**
**1 Lux Low Light**

- Flying erase head
- High-Speed shutter to 1/10,000 sec.
- Full auto operation

*Call for Price*

## Panasonic

### TELEPHONES/ ANSWERING MACHINES

- KX-T3705
- KX-T3730
- KX-T3848
- KX-T3980
- KX-T4000
- KX-T4400
- KX-T2250
- KX-T2310
- KX-T2370 w/Caller ID capability

*Call for More!*

## Panasonic

### MULTI LASER DISC PLAYERS

Multi Laser

| | | |
|---|---|---|
| LX-600 | Auto Reverse | Call |
| LX-900 | Advanced Digital | Call |
| LX-101 | 5-Disc Compatible | Call |
| LX-K700 | Karaoke to movie | Call |

## JVC

*Authorized JVC Dealer*

S VHS C

### VHS-C CAMCORDERS

| | | |
|---|---|---|
| GR-AW1 | Weatherproof | Call |
| GR-AX25 | 10x Power Zoom | Call |
| GR-AX35 | Assemble Edit | Call |
| GR-AX55* | 10x Power Zoom | Call |
| GR-AX75* | D.I.S. | Call |
| GR-AX50* | Color finder | 699.85 |
| GR-M7 Pro* | 11x Zoom | Call |
| GR-S21* | Super-VHS-C | Call |

** Comes with JVC case*

## JVC

**Palm-Size VHS-C Camcorder**

The Inventor of VHS
VHS C DIGITAL STABILIZATION

**20x Digital Zoom**
**Digital Image Stabilizer**

- 8-Mode Program AE
- Multi-brand remote
- Random access assmbl. edit

CALL FOR PRICE

### VIDEO RECORDERS

| | | |
|---|---|---|
| HR-J200 | Multi-brand remote | Call |
| HR-J400 | 4 Head | Call |
| HR-J404 | 4 Head, VCR+ | Call |
| HR-J600 | 4 Head, Hi-Fi | Call |
| HR-VP604 | VCR+ | Call |
| HR-VP606 | VCR++ | Call |
| HR-VP700 | Flying Erase Head | Call |

### S-VHS VCRs

| | | |
|---|---|---|
| HR-S 4700 | TS Head Drum | Call |
| HR-S 4900 | Hi-Fi, VCR+ | Call |
| HR-S 6800 | Hyper Bass | Call |
| HR-S 6900 | S-VHS, VCR+ | Call |

## JVC

**Deluxe Picture & Sound With Advanced VCR Plus+**

NEW S VHS HI-FI STEREO

HR-S4900

- DA-4 head system
- Auto 8-segment random assemble editing
- Multi-systm. cable controller
- FEH, Insert edit & audio dub

CALL FOR PRICE

## JVC

### Mini/Micro Component Systems

| | | |
|---|---|---|
| MX-S2 | Live Surround | Call |
| MX-S4 | 27 Watts per Chan. | Call |
| MX-C5 | 6+1 Disc | Call |
| MX-C7 | 6+1 Disc | Call |
| MX-C9S | Top of the Line | Call |
| UX-A4 | AM/FM, CD, Cass. | Call |
| UX-T1 | AM/FM, CD, Cass. | Call |
| UX-T1WT | White Cabinet | Call |
| SX-SW9 | Satlit. Spkr. System | Call |
| XL-MC100 | 100 Disc Changer | Call |

## SONY

**Authorized Sony Dealer**

*• Video Camcorders • VCRs • Walkman • Discman • Telephones • Radios • TVs - 8" to Big Screen • Watchman Portable TVs • Mini Hi-Fi Bookshelf Stereo Systems • My First Sony (For Kids) • Mini Disc Players • Laser Karaoke • Laser Disc Players • World Band Radios*

## Canon

*Authorized Canon Dealer*

**Nation's Largest Canon Video Dealer!**
1990 • 1991 • 1992 • 1993
4 Years In a Row!

8

### 8mm CAMCORDERS

| | | |
|---|---|---|
| E250* | 10x Zm. Case, Light | Call |
| E520 | Pop-Up Light | Call |
| E700 | 12x. Image Stabil. | Call |
| UC1 | ULTRA-Compact | Call |
| UC20* | 10x Zoom | Call |
| UC53 | Hi-Band | Call |
| UC55 | Image Stabilizer | Call |
| A1 Digtl. | Hi-8. 10x Zoom | Call |
| L1 | Hi-8. 15x Zm., Hi-Fi | Call |
| L2 | RC Time Code | Call |
| 10x Vari-Angle Prism Lens | | Call |

** Comes with Canon Case*

## Canon

**Hi-8mm Camcorder**

Hi 8

**Optical Image Stabilizer**
**24x Digital Zoom**

- Digital signal processing
- Hi-Fi stereo sound
- Unique, ultra compact style

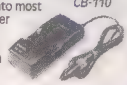
CALL FOR PRICE

### CANON ACCESSORIES

**Multi-Battery Charger/Recharger**

Charges and refreshes up to 4 Canon battery packs.
CALL FOR PRICE
MC-100

**Car Battery Charger**

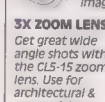


CB-110

Can be plugged into most car cigarette lighter sockets to charge batteries or power the camera
CALL FOR PRICE

## L1 Accessories

**EXTENDER CL 2X**



*Doubles the focal length of Canon VL mount lenses without degrading image sharpness.*

**3X ZOOM LENS**

*Get great wide angle shots with the CL5-15 zoom lens. Use for architectural & group pictures.*

CALL FOR PRICES

## Canon

**STILL VIDEO CAMERA**

| | | |
|---|---|---|
| RC-360 | Still Video Camera | Call |
| RC-570 | Still Video Camera | Call |
| RE-650 | Visualizer | Call |
| RP-420 | Printer | Call |
| RP-733 | Printer | Call |
| FP-510 | Color Printer | Call |
| RV-311 | Video Player | Call |

## Nikon

*Authorized Nikon Dealer*

Hi 8

| | | |
|---|---|---|
| VN-750 | Hi-8 • StableShot™ | Call |
| VN-340 | Color Viewfinder | Call |
| VN-550 | StableShot™ | Call |

## RICOH

*Authorized Ricoh Dealer*

Hi 8

**8mm CAMCORDER**

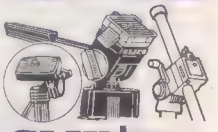
| | | |
|---|---|---|
| R-16H | Hi-Fi Stereo | Call |
| R-18H | E.I.S., 10x Zoom | Call |

## MINOLTA

*Authorized Minolta Dealer*

| | | |
|---|---|---|
| Master-Pro 8-918 | | Call |
| VCT-910 | 1.5x Tele | Call |
| VLW-910 | 0.65x Wide | Call |
| VCS-910 | System Case | Call |

## TRIPODS



**SLIK bogen Velbon**

PHOTO • VIDEO TRIPODS
*Call For Best Prices!*

*Prices good for mail order only. Shipping and handling are extra. Returns and exchanges may be made within 14 days of receipt of merchandise with prior authorization only (call Customer Service for a Return Authorization Number). Non-defective merchandise returned for refund will be subject to a restocking fee: 5% if box is unopened (still sealed), 12% if box has been opened.*

ORDERS ONLY
CALL TOLL FREE **1-800-222-1557**

**TOP RATED PHOTO & VIDEO MAIL ORDER DEALER**

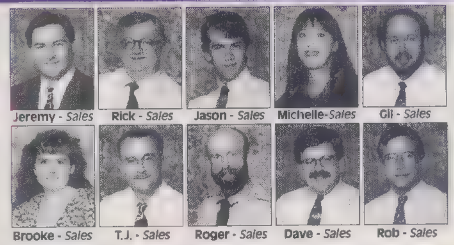
**Overnight Delivery Available!**

VISA · MasterCard · DISCOVER · Canon

*No Credit Card Surcharge!*

FEDERAL EXPRESS

POPULAR PHOTOGRAPHY CHECKRATED STORE



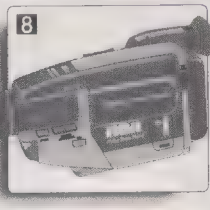
Jeremy - *Sales* · Rick - *Sales* · Jason - *Sales* · Michelle-*Sales* · Gil - *Sales*
Brooke - *Sales* · T.J. - *Sales* · Roger - *Sales* · Dave - *Sales* · Rob - *Sales*

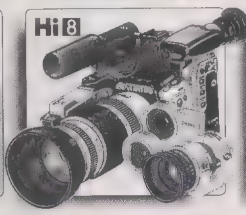
OPEN SUNDAYS 7 DAYS A WEEK

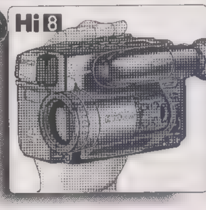
All Equipment is BRAND NEW and FULLY GUARANTEED

Prices subject to verifiable manufacturer's price increase

PERSONAL CHECKS WELCOME







## HITACHI
*Authorized Hitachi Dealer*

**8mm CAMCORDERS**

| | | |
|---|---|---|
| VM-E53A | w/hard case, light | Call |
| VM-E55A | EIS, hard case, lght | Call |
| VM-H57A | Hi-8, E.I.S. | Call |
| VM-H38A | Hi-Band | Call |
| VM-H39A | Hi-8 w/case,light | Call |
| VM-SP1A | Water Resistant | Call |

**VHS CAMCORDERS**

| | | |
|---|---|---|
| VM-1600A | 12x Power Zoom | Call |
| VM-2600A | 24x Digital Zoom | Call |
| VM-S8200A | Super-VHS | Call |

**VIDEO RECORDERS**

| | | |
|---|---|---|
| VT-M171A | Quick Start | Call |
| VT-M270A | 4 Head | Call |
| VT-M272A | VCR Plus+ | Call |
| VT-F370A | 4 Head, Hi-fi | Call |
| VT-F372A | 4 Head, Hi-fi | Call |
| VT-S772A | S-VHS, 5 Head | Call |

## HITACHI
**Hi-8 Ultra Compact**
LCD COLOR VIEWFINDER

EIS
**16/64x Digital Zoom**
**Electronic Image Stabilizer**
- Hi-Fi stereo & remote
- Special FX & Char. Generat.
- 470,000 pixel CCD

*w/Hitachi soft case & light*

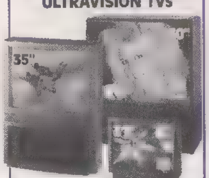
**CALL FOR PRICE**

## HITACHI
**Hi 8mm Camcorder**
Hi8 EIS

VM-H57A
**Electronic Image Stabilizer**
**1 Lux Low Light**
- Hi-band 8mm system
- Multi-brand TV/ camcorder remote

**CALL FOR PRICE**

## HITACHI
**ULTRAVISION TVs**



*Picture quality takes a dramatic leap forward - colors are rich & vibrant. And increased contrast adds more depth & realism. Multi-function remote controls your TV, VCR & cable box.*

**CALL FOR PRICES**

## RCA
*Authorized RCA Dealer*

**8mm CAMCORDERS**

| | | |
|---|---|---|
| Pro 808 | Zoom | Call |
| Pro 830 | 10x Zoom | Call |
| Pro 840 | 12x Zoom | Call |
| Pro 883HB | Hi-Band | Call |
| Pro 930 | E.I.S., 16x Zoom+ | Call |
| RCA 8mm Hard Case | | Call |
| RCA 2 hr. battery (BB120) | | Call |

**VHS CAMCORDERS**

| | | |
|---|---|---|
| CC-412 | 12x Zoom | Call |
| CC-540 | 12x Zoom | Call |
| CC-507 | 16x Zoom | Call |

**VIDEO RECORDERS**

| | | |
|---|---|---|
| VR-319 | 2 Head | Call |
| VR-501 | 4 Head | Call |
| VR-526A | Built-in VCR+ | Call |
| VR-601HF | 4 Head Hi-Fi | Call |
| VR-658HF | Front A/V | Call |
| VR-662HF | 4 Head Hi-Fi | Call |
| VR-664HF | Built-in VCR++ | Call |
| VR-667HF | Hi-Fi, VCR++ | Call |
| VR-720HF | S-VHS | Call |
| VR-800HF | 8mm VCR+ | Call |

## RCA
**8mm Hi-Fi Stereo VCR**

VR-800HF
- Hi-fi stereo
- VCR+ system built-in
- 3-head video system with special effects
- Flying erase head
- Universal remote control

**CALL FOR PRICE**

## Quasar
*Authorized Quasar Dealer*

**TV/VCR COMBO**

| | | |
|---|---|---|
| VV-1213 | 13" TV/VCR | Call |
| VV-1220 | 20" TV/VCR | Call |

## Panasonic
*Authorized Panasonic Dealer*

**Color TV/VCR Combo**

| | | |
|---|---|---|
| PV-M1321 | 13" TV/VCR | Call |
| PV-M2021 | 20" TV/VCR | Call |

## SHARP
*Authorized Sharp Dealer*

**VHS CAMCORDERS**

| | | |
|---|---|---|
| VL-L290U | 12x Zoom | Call |
| VL-L390U | 12x Zoom | Call |
| VL-L63U* | Under 1 Lux | Call |

* Comes w/soft case

**8mm CAMCORDERS**

| | | |
|---|---|---|
| VL-N1 | 12x Power Zoom | Call |
| VL-HX10 | Hi-Band | Call |
| VL-E30 | 3" Monitor Viewcam | Call |
| VL-E40 | 4" Monitor Viewcam | Call |
| VL-HL100 | Hi-8, 4" Monitor | Call |

## SHARP
SHARP VIEWCAM *AN ABSOLUTE ORIGINAL* EIS

VL-HL100U

*The first camcorder to replace the viewfinder with a big 4" color LCD view screen! No-strain shooting. Instant playback w/ color & sound!*
- Hi-fi stereo sound
- Bright 4" LCD color screen
- Digital Image Stabilizer

***Call for Price***

**VIEWCAM ACCESSORIES**

| | |
|---|---|
| Car Battery Cord | Call |
| Sun Hood | Call |
| Wide Lens | Call |
| Sports Pack | Call |

## TAMRON
FOTOVIX III-S

Enjoy your photographs on TV! Also record them on video from your slides & negatives.

*TV not included*

| | | |
|---|---|---|
| Photovix II-Xs | *New!* | Call |
| Photovix III-S | 4-Video | Call |
| Photovix II-X | Multi-Format | Call |
| Conversion Lens Kit | | Call |
| Standard Combo Carrier Set | | Call |

## VIDEO LENSES

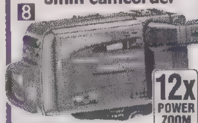
Kenko
Tokina
raynox

*Call For Best Prices!*

## FUJI
**8mm CAMCORDERS**

| | | |
|---|---|---|
| Fujix F120SW | 12x Zoom | Call |
| Fujix F122SW | Color View | Call |
| Fujix H128 | Hi-8 | Call |

## FUJIX
**8mm Camcorder**



F120SW
12x POWER ZOOM
**12x Power Zoom**
**Easy To Use Controls**
- Multi-action grip
- Super wide angle lens
- Time/date recording

**$579.85**

**LCD VIDEO PROJECTORS**
- P401U ....Call
- P701U ....Call

## Kodak
**Photo/Audio CD Player**

**$50 Savings!** Ask for Details

**The Photo Album of the 90s!**

*Browse through your "photo album" on your TV! Fun to watch, fun to share with friends & family. Kodak-quality, bright color photos as big as your screen - Pan, rotate, zoom and enjoy!*
- PCD-5850 3-yr. warrnty. Call
- PCD-M50 Portable Call
- Mailer ........ Call

*Call for Prices & Information*

## STEADICAM JR
*Allows you to make smooth pans, & professional-looking action or sports videos.*
**CALL FOR BEST PRICES!**

## CITIZEN
*Authorized Citizen Dealer*

*2.9" Monitor*

| | |
|---|---|
| M329 Mark II | Call |
| 12V Car Adapter | Call |
| M938, T740 | Call |
| AC Adapter | Call |
| TV Tuner | Call |

## tamrac

*COMPLETE TAMRAC PHOTO & VIDEO BAG LINE IN STOCK*

## SONY GENERAL AUDIO & TELEPHONES

**WALKMAN**

| | | |
|---|---|---|
| WM-EX10 | WM-D3 | SRF-M33 |
| WM-FX22 | WM-D6C | SRF-M43 |
| WM-FX32 | WM-GX90 | SRF-M50 |
| WM-FX38 | SRF-39 | SRF-M70 |
| WM-FX41 | SRF-H2 | WM-SXF10 |
| WM-FX45 | SRF-HM20 | WM-SXF30 |
| WM-F2085 | SRF-8 | WM-SXF33 |
| WM-FX52 | SRF-88 | WM-F2078 |
| WM-FX56 | | |

**WORLD BAND RADIO**

| | | |
|---|---|---|
| ICF-SW15 | ICF-SW33 | ICF-SW55 |
| ICF-SW800 | ICF-SW7600 | ICF-2010 |
| ICF-SW30 | ICF-SW 1S | ICF-SW77 |

**DISCMAN**

| | | |
|---|---|---|
| D-113CR | | |
| D-121 | D-220 | D-822K |
| D-122CK | D-223 | D-828K |
| D-125 | D-321 | D-421SP |

**DAT WALKMAN**

TCD-D7 · WM-DT1

**CD CASSETTE RECORDERS**

| | | |
|---|---|---|
| CFD-30 | | |
| CFD-475 | | |
| CFD-703 | CFD-758 | CFD-768 |

**FEATURE PHONES**

| | | |
|---|---|---|
| ITD-250 | ITD-200 | IT-B5 |
| ITD-150 | ITD-100 | IT-B3 |

**CORDLESS PHONES**

| | | |
|---|---|---|
| SPP-A20 | SPP-190 | SPP-95 |
| SPP-A40 | SPP-180 | SPP-85 |
| SPP-A60 | SPP-170 | SPP-77 |
| SPP-X90 | SPP-160 | SPP-75 |
| SPP-D15 | SPP-115 | SPP-57 |
| SPP-320 | SPP-97 | |

**ANSWERING PHONES**

| | | |
|---|---|---|
| IT-A3000 | IT-A505 | IT-A555 |
| IT-A2500 | IT-A205 | IT-A305 |

**ANSWERING MACHINES**

TAM-50 · TAM-1000

*Now Available!* **Big Screen & Wide Aspect Ratio TVs**

- **Best Quality TV Selection!...... Call**

## MINI & MICRO COMPONENT STEREO SYSTEMS

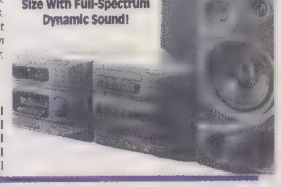
**JVC**
- MX-S2 ....... *AM/FM, CD, dual cass.*
- MX-S4 ....... *AM/FM, CD, dual cass.*
- MX-C5 ....... *5 CD chngr., dual cass.*
- MX-C7 ....... *5 CD chngr., dual cass.*
- MX-C9S ... *Satellite spkrs., subwoofer*
- UX-A4 ....... *Micro • AM/FM, CD, cass.*
- UX-T1 ....... *Micro • AM/FM, CD, cass.*
- UX-T1WT ..... *Micro • White cabinent*
- SX-SW9 ....... *Satellite spkr. system*
- XL-MC100 .. *Full Size • 100 CD chngr.*

*CALL FOR PRICES*

**SONY**

| | | |
|---|---|---|
| MHC-510 | *AM/FM • CD Player • Cassette Player* | Call |
| MHC-610 | *AM/FM • CD Player • Cassette Player* | Call |
| MHC-C50 | *5+1 CD Changer • Dual Cassette Player* | Call |
| MHC-C70 | *50 Watts x2* | Call |
| MHC-C90 | *100 Watts x2* | Call |

**Compact, Space Saving Size With Full-Spectrum Dynamic Sound!**



*All returned merchandise must be in new condition and must include all packaging and printed material in original, unaltered condition. Shipping and handling charges are non-refundable. Some items are one per customer. All orders are subject to verification and acceptance. Camera World is not responsible for typographical errors. Prices subject to change without notice. ALLOW 2-6 WEEKS FOR BACK ORDERS.*

Circle 25 on Reader Service Card.

# THE ELECTRONIC

## THE VIDEO EDITING & 800-323

10-12 Charles Street, Glen Cove, NY 11542 FAX 516-671-3092

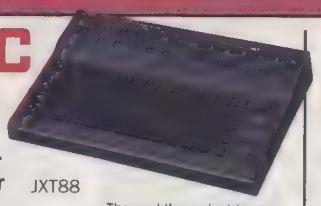
**WE KNOW OUR STUFF** staff of courteous, informative sales professionals

**WE ARE HERE TO SOLVE YOUR PROBLEMS** from hook-up to operation

**LARGEST INVENTORY OF VIDEO ACCESSORIES**

**ATTN SCHOOLS & GOV'T AGENCIES** Direct your orders/bid to our Specialty Video Supply division

## JVC

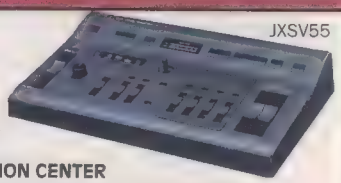


**SVHS/Hi8 Color Character Generator** JXT88

The world's easiest to use color titler! Generates its own title screens for quick & easy title creation. • 8 colors/4 sizes • 10 pages memory • Fade in/out & Scroll title • Standard size keypad

SALE $279.00 (reg $299)

Also Avail: JXT66 Compact Character Generator **$179.00**



JXSV55

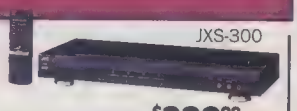
**ULTIMATE S-VHS PRODUCTION CENTER**

The only production center that combines:
- SPECIAL EFFECTS GENERATOR
- HI FI STEREO AUDIO MIXER
- SVHS COLOR PROCESSOR

all in one easy to use unit!

SALE $399.00

**Remote Control A/V S-VHS Switcher**

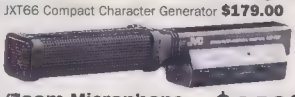


JXS-300

- 3 S-VHS/A/V in & out
- Y/C separator
- Video amp. w/800 lines of resolution

Sale $229.00

JXS900 - Remote Control 7in/7 out A/V S-VHS Switcher w/2 monitor outputs/2 signal paths Sale $599.00



MZ707

**Stereo/Zoom Microphone** $149.95

High performance Mic.
Features: 2 modes - stereo or superdirectional! Plus sensitivity & low-cut selections. 6 times greater sensitivity than built-in mic.

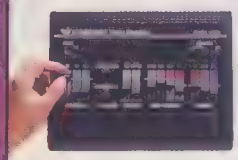
**CABLE KITS FOR VIDEO PROCESSORS**

| | | |
|---|---|---|
| CK5S | Deluxe Gold Tip Cable Kit | $29.95 |
| CK6S | Deluxe SVHS Gold Cable Kit | $49.95 |

High Quality SVHS cables feature top grade wire with 24K gold plated terminals for best signal reception.

| | | |
|---|---|---|
| S110 | 3'SVHS-SVHS | $29.95 |
| S120 | 6.5'SVHS-SVHS | $34.95 |
| S130 | 9.75' SVHS-SVHS | $39.95 |
| S410 | 3' SVHS Stereo Dub Cable | $29.95 |
| S420 | 6.5' SVHS Stereo Dub Cable | $34.95 |

## Equalizer



**The World's First DIGITAL Video Processor**

Digital Paintbrush allows you to manipulate the colors in your videos to get the look of the latest TV commercials and music videos!

Features:• 3 Channel Audio Mixer • Dual Outputs
- Split Screen• Full Spectrum Color Processor
- Digital Enhancer
- S-VHS Compatible

SALE! $249.00

## Thumbs Up™

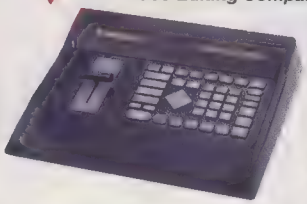
**WORLD'S EASIEST TO USE EDITOR**

If you have an 8mm camcorder with Control L, Thumbs Up lets you preview scenes, remove unwanted footage and store up to 60 scenes. •Fade to black •Video enhancer

$179.00

## VIDEONICS DIGITAL VIDEO MIXER

*The Video Editing Company*



**Videonics, the world leader in home editing, presents the video mixer you have been waiting for. The MX-1 delivers spectacular digital effects at an affordable price. Check it out!**

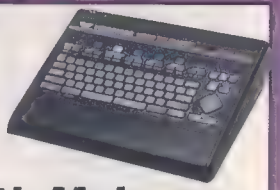
✔Cut, wipe or dissolve between any of four video inputs. Glitch-free & rock solid.
✔Chromakey allows you to superimpose one video onto another.

✔Over 200 digital special effects — picture-in-picture, zoom, strobe, picture flip, freeze-frame, mosaic and much, much more ✔Dual time base corrector ✔Hi-8/S VHS compatible ✔Broadcast quality video

Initial quantities will be very limited. *Reserve yours today!*
***FREE GIFT WITH EVERY RESERVATION**

**MX1 INFO HOTLINE 516-759-1615**

TM-1



## TitleMaker

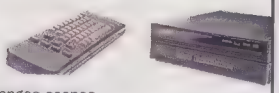
**THE ONLY SVHS COLOR TITLER WITH SMOOTH LETTERING**
- HIGH RESOLUTION
- 1 million colors
- 12 fonts in 4 sizes
- 100 pages of memory
- Shadowed, outlined or bold
- 8 variable scroll speeds
- Full size keyboard
- 24 fade & wipe effects

Sale $399.00

**ASK ABOUT VIDEONICS 3-YEAR WARRANTY**

## EditMaker EM-1

**Complete home video editing system**



- Rearranges scenes
- Works w/all VCRs & formats
- Hi8/S-VHS jacks • Color titling w/scrolling
- Color graphics and wipes
- Recommended for 8mm camcorders w/ control L.

$549.00

## VIDICRAFT VidiMate 300S

Improves picture quality during playback or editing from any source. Features 2 channel audiomixer, autofades,adjustment of outline, detail,brightness, color, and 2.in/4 out. S-VHS jacks. $169.95

**Vidimate 200** - Same as above w/o S-VHS jacks. $99.95

**SYSTEM 5000** Includes the Videonics Editmaker, Vidicraft Vidimate 300s, all hook-up cables & our exclusive easy-to-follow, how- to booklet. Requires 2 VCR's or 1 VCR & a camcorder w/control L $699

## AMBICO INC VIDEO TITLEWRITER

**Deluxe Color Titler for under $200**

V6350

- 8 colors, 2 fonts, 4 sizes and 3 borders
- 10 pages of memory
- Titles can wipe in/out, scroll up/down, crawl, and flash on/off
- Hi8 and S-VHS compatible
- Superimpose titles over live video or on black or white background.

SALE $199.00

**Professional Video Converter** V0650
Converts movies, slides AND photos to video. SALE $49.95
Needs no slide projector!!

## Audio/Video Editing Effects Generator

V6300

Edit your videos using color fades & 100s of wipe patterns. Includes stereo audio mixer. $249.00

## NºMEM

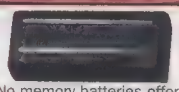
Charger/Reconditioner

New model includes "charge only" feature to work with BOTH NiCad and NºMEM batteries. AC/DC. $49.95

## NºMEM™ BATTERY

**NO MEMORY CAMCORDER BATTERIES**

LENMAR



No memory batteries offer a full charge everytime! Carefree - No Worry!! Available for all major brands. Call with your model #.

YOUR CHOICE $49.95

**No Memory 6V Belt Packs** for Sony, Canon, RCA/Hitachi, Pana./JVC
LED650 — 6.5 AH(runs 5 hrs.) **$69.95**
LED100 — 10.0 AH (runs 8 hrs.) **$99.95**

**Now with LED Indicators**

Circle 30 on Reader Service Card.

# MAILBOX

## PRODUCTION EXPERTS

## -2325

Now Toll-Free in Canada

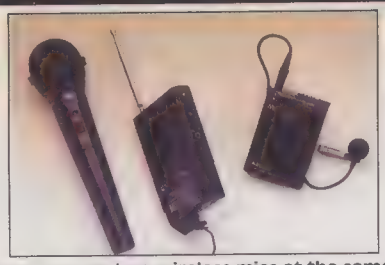
**MX 1 Digital Video Mixer**

**Information Hotline**
**516-759-1615**
**Reserve yours today!**

**10 DAY MONEY BACK**
**30 DAY TRADE-IN**
**GUARANTEE POLICY**

**TECHNICAL ADVICE**
**HOTLINE**
**516-759-1943** call Phil or Gary

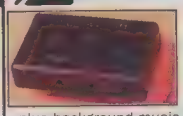
## TWO MICROPHONE SYSTEMS



**Now you can use two wireless mics at the same time!**
The new Azden WR2PRO two channel receiver automatically mixes the sound from both mics. Let us design the perfect two mic system for your needs. Complete systems including WR2PRO and two wireless mics **$379.00 & up.**

WR2PRO receiver **$179.00**

## AZDEN



CAM3
**Mic Mixer**
Record and mix sound from 3 sources, while shooting! Connect 2 mics plus background music to your camcorder's audio. **$49.95**

WMSPRO
Professional VHF Wireless Mic System
250' Range
**$149.00**

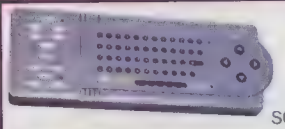
WHXPRO-Wireless Handheld VHF Pro Mic System **$179**

ECZ990
**Zoom Microphone**
Picks up sound in front without side noises. 2 position zoom/wide angle.
SALE **$65.00**

HS7V
**Headset Boom Mic**
Add narration as you're video taping! Monitor camcorder audio.
SALE **$19.95**

## ColorWriter Magic

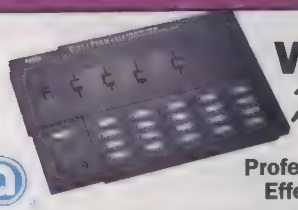
**Full Color Electronic Titler with Special Title Effects**
Put your titles into motion & create unique Hollywood effects. Features deluxe full size keyboard, S-VHS & Hi8 compatibility, & 12 page memory. Letter choices include 8 colors, 4 sizes, outlining & boxing.
**$259.00**



SCG
**Screenwriter**
**S-VHS CHARACTER GENERATOR**
Superimposes titles over existing video or generates title pages. *Deluxe features include:* •Attractive white, block lettering • 4 different sizes • Scrolling for title pages • 7 pages of memory **$149.00**

**Buy Both for $279!**

**Pro Ed/it 3**
**COLOR VIDEO PRODUCTION CENTER**
Edit out unwanted scenes. Brighten & correct colors. Bring back sharpness & detail. Add narration and/or bkgd music.
SALE! **$149.00**



## VideoPro Magic

sima

**Professional Digital Effects Generator**

For less than $400.00 you can create amazing studio effects that, until now, cost $1500 & more!! VideoPro Magic features:
- **PICTURE-IN-PICTURE** Combine 2 video sources by adding full motion or still PIP in any corner of the screen.
- **FREEZE FRAME**
- **STROBE** High, medium & low speeds
- **MULTISCREEN** Display 4 or 9 still frames on one screen. PLUS any 1 frame can be in full motion
- **MOSAIC** 2 sizes & Positive/Negative• **PAINT** Dramatic color posterization

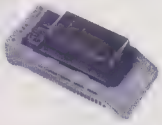
*Plus* includes an audio mixer for adding narration and/or music!

**$399.00**

**SIMA - SED2X**
**Color Special Effects Generator for under $150**
Now everyone can add exciting color wipes to their videos. The SED2X can create sevaral wipe patterns to color backgrounds and fade to black. Built in audio mixer. **$149.00**

**FX Video Ed/it 4** SVHS/Hi8 compatible special effects editor with crossfade, color fades, and hundreds of wipe patterns **$229.00**

sima



**Chargers**

| | |
|---|---|
| **SPM-3** AC/DC Quick Charger & Recon | **$49.95** |
| **SPM-4** Dual charger/reconditioner | **$79.95** |
| **SPM-8** 6V-AC only-Charger & Recon | **$29.95** |

## CITIZEN

2.9" LCD Color Monitor
Monitor your videos in full color as you tape! Complete w/battery pack, cords, hood & bracket. **$159.95**

**M938** 3.9" LCD Color Monitor **$249.95** M329II

## SUNPAK

**Mini Cordless Videolight with "Hot-Shoe" Battery**

RL10
Unique videolight includes powerful battery with hot shoe to run light and camcorder up to 45 min! Super lightweight and compact light. Works with Sony camcorders (and equivalents). **$49.95**

RB66HS Hot Shoe Battery $39.95

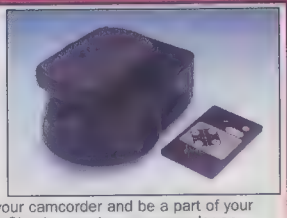
CZ-200A

**Zoom Cordless Video Light with Auto Sensor & Tilt Head.** Includes battery and charger **$69.95**

**Readylite**
Super lightweight, compact videolight. Features 15w bulb & 15 min. battery. Charger Included
SALE **$29.95** RL20

AP200T

**Remote Control Auto Pan Head for Camcorders**
**NOW WITH TILT!**
It does the filming for you!



Get out from behind your camcorder and be a part of your family's home videos. Simply mount your camcorder on Sunpak's new auto pan head, place on any tripod, and get in the action with everyone else! Responds to infra-red signals, or can be preset for continuous panning (adjustable panning angle & tilt angle) Powered by 6v camcorder battery (not included) SALE **$149.95**

***$10 OFF RB 77H with Purchase of AP200T Above***

**"Memory—Free" NiCad Battery**
The first and only NiCad battery that is memory-free! Ultra-high capacity, provides up to 2.5 hrs. running time for 8mm/VHS-C camcorders.
***Comes with a LIFTETIME warranty!***

SUNPAK MEMORY-FREE

**$49.95**

## VANGUARD®

**Full Size Hands FreeCamcorder Support**
**$59.95**

**8mm/VHS-C Hands Free Mini Camcorder Support**
**$39.95**

Circle 31 on Reader Service Card.

**Free Gift!**
With each order placed we will provide a Tell-A-Friend coupon, fill it out, send it back for a Free Gift!

# COLONEL VI

•24-Hour Order Processing •Friendly, Honest, Knowledgeable •No Sales Tax Outside Texas

**AUTHORIZED DEALER**
AZDEN · Infinity · LENWAR · RCA · SHARP · bogen · MAGNAVOX · TOSHIBA · JBL · Panasonic · SIMA · TUNDRA · Canon · GO.VIDEO · JVC · Quasar · Sony Tape · VIDEONICS · HITACHI · KENWOOD · PHILIPS · RICOH · YAMAHA

•Authorized Dealer For Everything We Sell

**1-800-423-VCRS** Orders Only (8277)
(713) 486-8866 Customer Inquiries and Service
1-800-VIDEO-97 Repeat Callers
(713) 486-8300 24 Hour Fax Line

Full Manufacturer's Warranty

## HITACHI

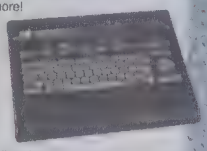
**8mm Camcorders**
VM-E53A · VM-E55A · VM-H38A · VM-H39A · VM-SP1A

**VHS Camcorders**
VM-1600A · VM-2600A · VM-S8200A

**Video Recorders**
VTM-161A · VTM-270A · VTM-272A · VTF-361A · VTF-362A · VTF-370A · VTF-462A · VTS-772A

## VIDEONICS

**MX-1 Digital Video Mixer**
4 input switcher, dual TBC's, over 200 digital effects and more!



Editmaker EM-1
Titlemaker TM-1
Thumbs Up TU-1
Video Equalizer VE-1
Sound Mixer SE-1
Processor Plus PP-1
Graphic Libraries 1-5

## JVC

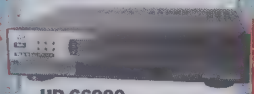
**VHS-C Camcorders**
GR-AW1 · GR-AX50 · GR-AX25 · GR-M7 PRO · GR-AX35 · GR-SX90 · GR-AX55 · GR-SZ1 · GR-AX75

## JVC

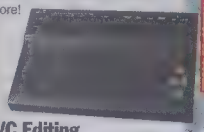
GR-SZ1

**SVHS-C Camcorder w/ Digital Image Stabilizer**
Multi-function lens, random assemble editing, color viewfinder and more!

**Video Recorders**
HR-J200 · HR-VP606 · HR-J400 · HR-VP700 · HR-J404 · HR-S4700 · HR-J600 · HR-S4900 · HR-DX62 · HR-S6900 · HR-VP604



**HR-S6900 S-VHS Hi-Fi Stereo VCR with A/V Dubbing**
Hyper-Bass sound, random assemble editing, flying erase head, A/V dubbing and much more!

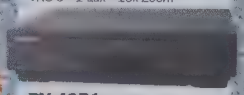


**JVC Editing**
JX-T88 · JX-S300 · JX-T66 · JX-S900 · JX-SV55 · CG-V60 · JX-S100

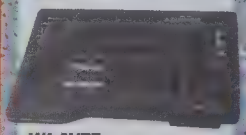
## Panasonic

*Full Line Panasonic Dealer*

**IQ-203**
VHS-C •1 Lux •10x Zoom



**PV-4351**
VHS Hi-Fi VCR with Program Director



**WJ-AVE5 Digital A/V Mixer**
Digital special effects, fade, picture in picture, 98 wipe patterns.
WJ-AVE3 · WJ-MX50 · WJ-AVE1 · WJ-TTL5 · WJ-MX30 · AG-A96

## Canon

**Shake Absorber 0 Lux 12x Zoom E-700**
•New Improved Auto Focus
•Pop Up Video Light
•Character Generator

E250 · UCS2 · E520 · UCS3 · E700 · UCS5 · UC1 · A1 DIGITAL · UC20 · L1

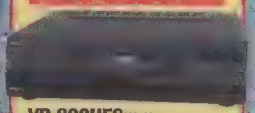
## RCA

**8mm Camcorders**
Pro-808 · Pro-883HB · Pro-830 · Pro-930 · Pro-840

**VHS Camcorders**
CC-412 · CC-540 · CC-507

**Video Recorders**
VR-319 · VR-664HF · VR-501 · VR-667HF · VR-601HF · VR-720HF · VR-658HF · VR-800HF · VR-662HF

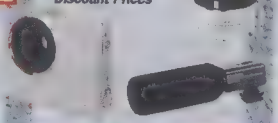
## RCA



**VR-800HF8mm Hi-Fi Stereo VCR**
•VCR+ programming system
•3 Head Hi-Fi Stereo
•Flying Erase Head

## Canon

**UC-S5**
*We Stock All Canon Accessories All At Discount Prices*



## SONY PAL/SECAM

**PAL/SECAM Sony CCD-TR805E**
Hi8mm Camcorder with Steady Shot

10x power zoom, Pop Up remote receiver, superimpose with scroll, remote control, 7 speed shutter and more!

**Also Available in PAL/SECAM: VCR • Television • Camcorders**

## SONY

**Colonel Video & Audio is North America's Largest Distributor Of Sony Tape**

VHS · Beta · SVHS · Hi8

## RICOH

**Ricoh**
R-18H · R-16H

## SHARP

**VL-HL100**
*Hi-8mm ViewCam with Built In 4" ColorLCD Monitor/ Speaker and Image Stabilizer!*
VL-L290U · VL-HX10 · VL-L63U · VL-E30 · VL-N1 · VL-HL100

Return or exchanges may be made within 7 days of receipt after prior authorization. All returned merchandise must be in new condition and include packaging and printed material in original unaltered condition. Returns may be subject to a restocking fee. Shipping and handling charges non-refundable. We are not responsible for typographical errors. Shipping and handling is extra. These are phone and mail order prices only. Prices are not valid in the showrooms or to the customers within 150 mile radius. If you wish to drive to the stores, please phone ahead to check the in-store price. *Ask for details.
**Colonel Video and Audio**
**16451 Space Center Blvd.**
**Houston, TX 77058**

—U—N—G—E—A—T—R—B—L—E—

# COLONEL VIDEO & AUDIO

## 1-800-423-VCRS UNBEATABLE

**Best Selection... Low Prices**

*Save 10-40%*

- Camcorders
- Editing
- Camcorder Accessories
- Big Screens
- LCD Projectors
- VCRs
- Car Stereo
- THX
- Video Laser Discs
- Chargers/ Dischargers
- Mini Disc
- PAL-SECAM
- Steadycam
- Receivers
- CD Players

*And So Much More*

TEXAS Hospitality

24 Hour Order Processing

3-5 Year Extended Service Plans Available

Where The Best Always Cost Less

We'll Beat Any Legitimate Price Guaranteed!

## ENTER TO WIN! HOLIDAY GIVE-A-WAY

*Colonel Video is the nations largest LCD Projection outlet.*

**GRAND PRIZE**

SHARP

XV-H30U

- Up to 100" screen
- LCD Projection
- Portable Monitor

**FIRST PRIZE**

SONY

CAMCORDER

*Every Entry Will Receive The Latest 64 Page Buyers Guide!*

**SECOND PRIZE**

PIONEER

VSX-D1S II

- Dolby Pro Logic Receiver
- DSP-Digital Signal Processing
- Universal Programmable Remote

**Yourself:**

Name _____

Address _____

City _____

State _____ Zip _____

**Your Friend:**

Name _____

Address _____

City _____

State _____ Zip _____

**Your Friend:**

Name _____

Address _____

City _____

State _____ Zip _____

Void where prohibited by law. For a complete set of rules send SASE. Drawing 2/1/94.

# COLONEL VIDEO & AUDIO

MAIL ORDER FINANCING AVAILABLE!

COLONEL VIDEO & AUDIO

Se Habla Español

Special

**HOURS: Monday - Saturday** 8 am to 11 pm **Sundays** 10 am to 6 pm (CST)

Hi8 Hi8 SVHS Hi8

Apply today for your very own Colonel Video and Audio Gold Card!

•P.O.'s, C.O.D.'s and Personal Checks Welcome

Your Home Theatre Experts

Camcorder Accessories

CITIZEN

STEADICAM JR

Panasonic

Video Laser Player
High Resolution
Auto Reverse with
Jog Shuttle
LXK700
LX600
LX101
LX900
Many Other Brands To Choose From!

RCA

G-34169ET
16x9 Wide Aspect Tube
Contemporary Console with

HITACHI

LCD PROJECTOR

We Will Beat All Legitimate Prices!

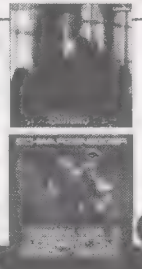
UNBEATABLE

Each Entry Will Receive A New 64 Page Buyers Guide!

Se Habla Español

• Helpful • Honest
• Knowledgable

Introducing



Video Laser Discs By Mail!
Discount Prices
Large Selection
Hard to Find

1-800-423-VCRS

Apply today for your very own Colonel Video and Audio Gold Card

COLONEL VIDEO & AUDIO
Where Sight And Sound Come Alive!

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

**BUSINESS REPLY MAIL**
FIRST CLASS MAIL PERMIT NO. 7738 HOUSTON, TEXAS

POSTAGE WILL BE PAID BY ADDRESSEE

**COLONEL VIDEO & AUDIO**
16451 Space Center Blvd.
Houston TX 77058-9887

# VIDEO & AUDIO

Special

HOURS: Monday - Saturday 8 am to 11 pm Sundays 10 am to 6 pm (CST)

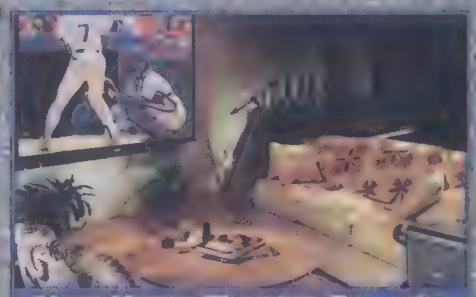
Se Habla Español

MAIL ORDER
FINANCING AVAILABLE!

COLONEL VIDEO & AUDIO

Apply today for your very own Colonel Video and Audio Gold Card!

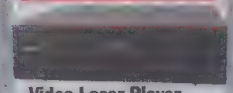
•P.O.'s, C.O.D.'s and Personal Checks Welcome



Your Home Theatre Experts

## Camcorder Accessories

## Panasonic



**Video Laser Player**
**High Resolution**
**Auto Reverse with Jog Shuttle**

LX-600 LX-K700
LX-900 LX-101

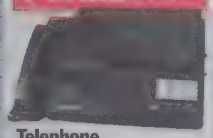
**Many Other Brands To Choose From!**

**TV/VCR COMBO**
**13"-20" Combination TV/VCR In Stock AC/DC Also Available!**

## RCA

**G-34169ET**
16x9 Wide Aspect Tube Contemporary Console with Digital Special Effects!
***Call For 13"-35" Prices!***

## Panasonic



**Telephone Fax/Answering Machine**
Auto Switching, Broadcast, auto paper cutter and more!

Telephones and Answering Machines Also Available!

## HITACHI

**Hitachi Projection TV**

46EX3B 50UX15K
46EX4K 50SX5P
46UX12B 55EX7K
46UX13K 60SX3B
50EX6K 60SX4K
50UX14B

***Call For 13"-35" Prices!***

## LCD PROJECTOR

**HIGH RESOLUTION LCD PROJECTION VIDEO MONITORS**
North America's Largest LCD Projection Dealer

## SIMA

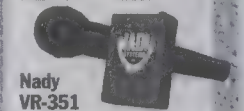
Pro Magic SFX-5
Color Writer Magic
Pro Ed/it 4
Pro Ed/it 3
Pro Ed/it II
SPM-4
SPM-2
8mm Rewinder
VHS Rewinder
Sound Stereo Mixer

**TRIPODS**
Bogen, Ambico, Sima

**SUNPAK**

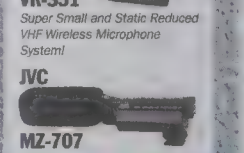
**Azden**
Wireless Micro-phone System w/ VHF Frequencies and Over 250' Range!

WMS-PRO HS-7V
WMX-PRO AVS-20
ECM-111 AVS-10
WR2-PRO VE-100



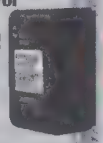
**Nady VR-351**
*Super Small and Static Reduced VHF Wireless Microphone System!*

**JVC**



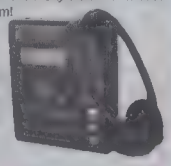
**MZ-707**

**No Mem Batteries Now Available For Most Popular Manufacturers!**



**LENSES**
•Wide Angle
•Telephoto
•Special Effects

**RECORDABLE MINI DISC IS HERE!**
**Mini Disc RCA and others available!**
Outstanding quality, compact size and many brands to choose from!



**LASER DISC**
Mail Order Video Laser Discs To Your Door!

**Extensive Selection Hard to Find Japanese Animation New Releases**

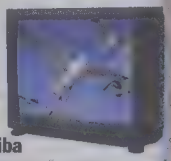
**Karaoke**
Choose From 1000's!
•Pan/Scan
•Letter Box
•Criterion Versions

## Quasar

**We Stock A Full Line Of SuperFlats!**
High resolution, surround sound, universal remote and much more!

## YAMAHA

**RACK SYSTEMS IN STOCK**



**Toshiba**

CX35C80/81 CF30C50
CX35C60 CF30C40
CF35C40 CF27C50
CX32C80/81 CF27C40
CF32C50 CF27C30
CF32C40

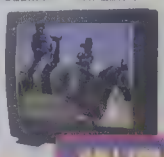
## YAMAHA

**Yamaha CST-917**
**Dolby Pro Logic Surround Sound Mini-System**

## JVC

**NV-55BX4**
**55" 16:9 Stereo Projection Television**
4 different wide screen modes, Dolby Pro Logic Decoder, 5-channel built in amplifier, 9-mode DSP and much more!

AV-35BH4 AV-27BX4
AV-35BP4 AV-27BP4
AV-31BX4 AV-27BM4
AV-31BP4 AV-26BM4
AV-31BM4 AV-20TP4

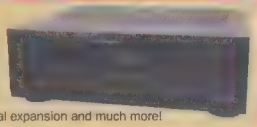


**CALL FOR LOW PRICES!**

**SPEAKERS**
**Infinity, Yamaha DA, JBL**

**Micro II**

**RECEIVERS**
**120-Watt Pro Logic Receiver**
On-Screen display, programmable remote control, DSP- digital signal processing, digital equalizer, digital expansion and much more!



**COMPACT DISCS**
**5-Disc Player with Custom Memory**
DSP-digital signal processing, optical digital output, variable line output, and much more!

**TAPE DECKS**
**6-Motor Drive Auto Reverse Cassette Deck**
Quick reverse, blank skip, fine bias adjustment, Dolby B/C, double auto reverse and much more!

**CAR STEREOS**
**Discount Prices Large Selections Call For Brands and Low Prices!**

**Call For Your FREE 64-PAGE Comprehensive Buyers Guide**

U-N-B-E-R-T-R-B-L-E

# TAPES & DISCS

NEW RELEASES

## FEATURE FILMS

### *Cliffhanger*

*1993. Sylvester Stallone, Janine Turner, John Lithgow; dir. Renny Harlin. Hi-fi surround, cc. (R) 113 min. priced for rental. LD letterboxed or pan-and-scan $39.95. Columbia TriStar.*

Sylvester Stallone's first hit in ages puts him back in the action arena where he belongs. *Cliffhanger* is a welcome throwback to the big-budget, no-brainer widescreen adventure movies of the '70s and '80s, before George Lucas and Steven Spielberg reworked the genre as tongue-in-cheek nostalgia. Alistair MacLean could have written this film; it's no surprise to hear that scriptwriter Michael France is working on the next James Bond movie.

Stallone plays a Rocky Mountain ranger who blames himself for the death of a climber he was trying to save. Abandoning his job and girlfriend (Janine Turner), he returns a year later to tie up loose ends—just in time to run up against a brutal gang of international terrorists searching for $100 million they dropped out of a highjacked plane.

While the violence in *Cliffhanger* is particularly brutal, it's certainly not ambiguous. Stallone's character is racked with self-doubt, but he's as unabashedly heroic as his adversaries are villainous (especially head bad-guy John Lithgow, clearly having fun with an over-the-top role).

Director Renny Harlin (*Die Hard 2*) has a firm grip on action-movie cliches, and gets the most out of the high-altitude locations. (Italy's spectacular Dolomite mountain range stands in for the Rockies.) Many of the vertiginous stunts were performed without a net, and Harlin makes sure you know it; even panned-and-scanned for video, the opening sequence in particular is sure to test the stomach of any viewer afraid of heights.

**—M. Faust**

Hang in There: Sylvester Stallone has no fear of heights in *Cliffhanger*.

### *Free Willy*

*1993. Michael Madsen, Michael Ironside, Lori Petty; dir. Simon Wincer. Hi-fi surround, cc. (PG) 112 min. $24.96. LD letterboxed $39.98. Warner.*

He's an odd, misunderstood being, separated from his kind and trapped in a hostile world—until a plucky lad helps him go home. No, it's not E.T. The latest inspirational outsider can be found in *Free Willy*, the story of an enormous orca whale and the boy who becomes his savior. Crudely executed and predictable to the last drop, this family drama would be forgettable if Willy wasn't so appealing.

While cleaning up graffiti at a marine park, juvenile delinquent Jessie (Jason James Richter) discovers a kindred spirit in Willy, a moody whale. With the sympathetic support of a caretaker (August Schellenberg) and trainer (Lori Petty), he becomes buddies with the lonely creature. When Willy's heartless owner (Michael Ironside) hatches a scheme to kill the animal for insurance money, Jessie and his friends must take extreme measures.

Most of the cast are limited to broad gestures, although Michael Madsen and Jayne Atkinson sound a few less obvious notes as dedicated foster parents. Younger viewers may relate to Jesse's anger, but TV after-school specials cover the

**A Boy and His Whale:** *Free Willy*'s Jason James Richter and friend.

same ground more convincingly. As for the irony of using a whale in a movie that decries using whales for entertainment, the makers of *Free Willy* would probably consider that nit-picking.

**—Jon Young**

## *Sliver*

*1993. Sharon Stone, William Baldwin, Tom Berenger; dir. Philip Noyce. Hi-fi surround, cc. (R) 106 min. priced for rental. LD letterboxed or pan-and-scan $34.95. Paramount.*

Sharon Stone as a damsel in distress? That's the dubious premise of *Sliver*, which is why this half-baked thriller never comes into focus. Whether you love or hate her, the forbidding blonde temptress is more a screen presence than a full-fledged actress—she isn't convincing enough to play a passive, confused divorcee caught between two strange men.

The miscast leading lady doesn't get much help from Joe Eszterhas' drab script. Set in a Manhattan high-rise plagued by mysterious murders, the story follows book-editor Carly Norris as she unwittingly moves into the apartment of the latest victim. Her uneasiness grows as she learns the building's dark secrets and comes to suspect the killer may be one of two men: Jack (Tom Berenger), a gone-to-seed crime writer, or Zeke (William Baldwin), a video freak who becomes her lover, providing an excuse for Stone to show off her body in graphic sex scenes.

Evidence suggests Carly's new boyfriend is a modern-day Norman Bates, especially after we see him spying on other residents with hidden cameras. But that didn't stop the filmmakers from reshooting the ending and changing the identity of the murderer, further weakening an already feeble narrative. **—JY**

## *Posse*

*1993. Mario Van Peebles, Stephen Baldwin; dir. Van Peebles. Hi-fi surround. (R) 113 min. $94.99. Polygram.*

A revisionist western saluting the black cowboy, *Posse* contains a few stirring moments, but it's largely just a love-letter from auteur Mario Van Peebles to himself. The director and leading man basks in the spotlight, allowing the camera to linger on his matinee-idol good looks while he portrays an updated version of Clint Eastwood's Man with No Name. From the broad-brimmed hat to the laconic delivery, Van Peebles had the cool style down pat, but he's so muted he seems to be numb.

Fortunately, there's more to the story of Jessie (Van Peebles), a Spanish-American War vet headed west to the black frontier town of Freemanville with a devoted crew, including a suave gambler (Big Daddy Kane), a good-hearted hulk (Tiny Lister), a nerd (Charles Lane) and a goofy cracker (Stephen Baldwin). Up ahead waits the racist sheriff (Richard Jordan) who killed Jessie's daddy; on his tail is a psychotic army officer (Billy Zane) bent on revenge. Interesting supporting characters, among them Isaac Hayes, Pam Grier, Woody Strode, Paul Bartel, Tone

**Horse Opera:** Mario Van Peebles' *Posse* heads west to face a racist sheriff and a vengeful army officer.

# EDITOR'S CHOICE

by

**kenneth korman**

If the promise of multimedia is the transformation of familiar forms like popular music into something new, TR-I's **No World Order** CD-I disc (Philips Interactive Media, $24.98) certainly fulfills the pledge. TR-I stands for "Todd Rundgren Interactive" and finds the pop musician and technical wizard reinventing himself and embracing multimedia as never before. *No World Order* is the first fully interactive music CD.

A musical database nearly four hours long, *No World Order* consists of thousands of continuous four-to-eight second "bits" of music the listener can combine in millions of different ways. The disc's interface makes it easy: Seven "flavors" with names like "tempo," "mood" and "mix" anchor the editor screen that appears on your TV, each containing several subchoices or "spices" used to shape the sounds on the disc. Select spices like "happy" or "thoughtful" from the "mood" flavor, and combine it with, say, "spacious" or "sparse" from the "mix" flavor, and the music is spontaneously reassembled based on your choices. The listener has five basic programs or "scripts" from which to begin making selections, each put together by a well-known record producer like Jerry Harrison or Don Was.

With its segmented, disjointed structure, the music can be a little disconcerting at first, even with a series of well-chosen flavors and spices. But once I'd spent a few hours choosing and listening, I began to warm to both the music and the high concept behind it. Ranging from ethereal to mechanical, Rundgren's sounds gradually develop their own special appeal (though he'd do well to keep his new dance- and rap-music tendencies in check). *No World Order* won't change the music world overnight, but it does provide a striking glimpse of its possible future. At least for now, that's what multimedia is all about. ■

Loc and father Melvin Van Peebles, provide welcome distractions from the shopworn plot—until the inevitable bloody shoot-out, anyway. Though it promises more, *Posse* at least delivers sturdy B-movie escapism.

## *Dennis the Menace*

*1993. Walter Matthau, Christopher Lloyd, Joan Plowright; dir. Nick Castle. Hi-fi surround, cc. (PG) 96 min. $24.98. LD letterboxed $39.98. Warner.*

Kids will love this juvenile comedy, a live action cartoon based on the popular Hank Ketcham comic strip. Dennis is a menace, and an obnoxious one at that: a five-year-old moppet who never met an object he didn't destroy. The movie is meant to be a high-spirited romp, but it's really a formless mess—a series of violent gags strung together into a loose plot. Besides being misconceived—there is, after all, something wrong with a supposedly charming children's comedy where you feel sorry for the victims—the movie is a predictable bore.

Screenwriter John Hughes, known for his teen comedies and the *Home Alone* flicks, relies heavily on kick-him-in-the-groin jokes and slapstick bits The Three Stooges would have rejected as too low-brow. The cast is adequate—the wonderful Joan Plowright turns up in a thankless supporting part—but the movie has no center. Mason Gamble's Dennis is so charmlessly irritating that you eventually wish he'd just disappear. In fact, there are so few real yucks that you actually begin wondering what kind of parents raised a brat like Dennis. Didn't anyone ever teach them about reform school? Or better yet, prison?

**—Tom Soter**

**Like Father, Like Son:** Jeff Bridges and Edward Furlong in *American Heart*.

## *American Heart*

*1993. Jeff Bridges, Edward Furlong; dir. Martin Bell. Hi-fi surround. (R) 114 min. $92.98. LD $34.98. LIVE.*

Jack (Jeff Bridges), a repeat loser, is out on parole and determined to clean up his act this time. There's a problem: Nick (Edward Furlong), his 14-year-old son, has decided to tag along. They set up house on Seattle's skid row, where Jack washes windows and dreams of Alaska while Nick takes up with the street kids and shows disturbing signs of following in his dad's muddy footsteps. Despite their efforts at bonding they threaten to sink with the weight of their internal baggage.

Director Martin Bell made the acclaimed documentary *Streetwise*, and his knowledge of the territory, physical and emotional, shows throughout—it looks like we're seeing the real thing in every shot. The script isn't especially tight, but it has a wealth of detail about the lower depths and the dialog rings true. Bridges is in especially fine form, full of Jack's flawed decency and unattainable dreams; Furlong is very good at portraying pubescent angst, and all the supporting players are excellent.

*American Heart* resembles the tawdry melodrama it might have been in only a few scattered moments. In fact, it's one of the year's most humane and involving films. **—Sol Louis Siegel**

**Sitting Duck:** Mason Gamble readies another assault on Walter Matthau in *Dennis the Menace*.

## *35 Up*

*1992. Pr./dir. Michael Apted. Hi-fi stereo. (NR) 123 min. $89.95. Academy Elite.*

*35 Up* marks the fifth installment of a documentary series began in 1964 as *Seven Up*. In the initial venture (produced for Granada Television's *World in Action* program), a social cross-section of Britsh seven-year-olds was interviewed and filmed in their respective environs. Under the direction of Michael Apted, the concept became a British institution as Apted's crew returned like septennial locusts to grill their media progeny. At points *14* and *21*, the results were predictably reassuring or "surprising": the most horrid of the upper-crusts was still horrid, the shy farmboy was studying physics at Oxford and the once-cheery Liverpudlian was beginning his decline into severe depression.

In terms of effectiveness, the series peaked with *28 Up*, which afforded the first "adult" images juxtaposed with the subjects' youthful pasts. *35 Up* will most interest those who have studied the series and already know the subjects' complete histories. To its credit, *35 Up* finally addresses the effects this project has had on their lives. But in order to cram this much material into a single program, the older segments have been snipped to the point of incoherancy. Isolated from the previous films, the effect of *35 Up* is that of having the pages of a family album flipped before your eyes. Unless Apted amends the format of future installments, he'll have little more than a "Where are they now?" curiosity.

Of additional interest: A "7 Up" cottage industry of sorts has spawned under Apted's executive sponsorship, and the primary installments of two of these endeavors, *7 Up in South Africa* and *7 Up in the Soviet Union*, have been issued by Shanachie (201-579-7763).

**—John Walker**

# LASERDISCS

## *The Killer*

*1989. Chow Yun Fat, Danny Lee; dir. John Woo. Digital mono, letterboxed. (NR) 110 min. plus supplement. 6 sides CAV $124.95. Criterion.*

The hyperkinetic action films of Hong Kong director John Woo, for many years favorites of cultish connois-

seurs, have been receiving a lot of mainstream attention lately since the release of Woo's Hollywood debut, *Hard Target*. As breathtaking as many of *Target*'s set pieces are, the movie presents Woo's vision in a somewhat diluted form. So it's particularly good to see 1989's *The Killer*, the Hong Kong feature that represents Woo's apotheosis, presented in such a terrific package. This splendidly lavish three-disc set is pressed entirely in CAV, giving us the opportunity to mull over the amazing physical choreography, multi-angle camera perspectives and superb editing that makes Woo's action sequences the best roller-coaster rides cinema currently has to offer.

**Gun Control:** John Woo's relentless *The Killer*.

And that's just for starters. Analog-track commentary by Woo and producer Terence Chang delivers absorbing insights on Woo's soulful worldview and the vicissitudes of Hong Kong moviemaking. The third disc, given entirely to supplemental materials, features a raft-load of fascinating info not just on Woo, but the whole history of the incredible Hong Kong film industry.

The story of an unlikely alliance between maverick cop and noble hitman, *The Killer* fits the description Hollywood master Howard Hawks once gave to one of his films: "A love story between two men." The emotional impact of Woo's films derives from the intense relationships between characters and their respective codes of honor. In *The Killer*, the tension between super-cool stars Chow Yun Fat and Danny Lee finds its release and ultimate resolution in the film's series of astonishing gun battles. The set is satisfying on so many different levels that it's hard to argue with its high price. For fans and novices alike, this is one investment that will pay big dividends of pleasure in the years ahead.

**—Glenn Kenny**

## *Freaks*

*1932. B&W. Wallace Ford, Leila Hyams, Olga Baclanova; dir. Todd Browning. Digital mono. (NR) 64 min. CLV 2 sides $34.98.* MGM/UA.

Though one of the most singular achievements in cinema, this early horror masterpiece was (and still is) considered so shocking that it has been banned in some venues, both officially and *de facto*, for over 60 years. None of its unsettling power has diminished in all that time, and even though it runs just over 60 minutes, you feel its impact for hours, even days after a viewing.

As a young man, director Browning (*Dracula*) ran away to join the circus, where he met up with the various "accidents of nature" that populate *Freaks*. His sympathy for their plight is obvious; the real monsters in this horror film are the pitiless "normal" folks who treat these people like animals. When the trapeze lady and her strongman lover find that the circus' star dwarf is heir to a fortune, she marries and attempts to poison him at the wedding party. But the plot backfires with horrific consequences.

Although the soundtrack has not worn well over the years, the print here is superb, considering how difficult it must have been to find good source material. Exciting restorations and re-issues are nothing new for laserdisc fans, but for my money, this release is one of the format's most important accomplishments to date.

**—Ron Goldberg**

**Sweet Revenge:** The human oddities in *Freaks* have a big surprise for those who would exploit them.

## *How to Murder Your Wife*

*1964. Jack Lemmon, Virna Lisi; dir Richard Quine. Digital mono. (NR) 114 min. side 3 CAV $34.98.* MGM/UA.

## *What's New Pussycat?*

*1965. Peter O'Toole, Peter Sellers; wr. Woody Allen dir. Clive Donner. Digital mono, letterboxed. (NR) 108 min. $39.98.* MGM/UA.

Many film comedies made before 1950 have retained their luster, but these two from the '60s have dated badly. Their major common denominator is that their makers don't seem to think much of women.

*How to Murder Your Wife* may be the most misogynist picture ever made by Hollywood. A confirmed bachelor (Jack Lemmon) wakes up after a bachelor party to discover that he has not only bedded but wedded the girl in the cake (Virna Lisi). Before long she has reduced our man's man to a physical and nervous wreck, and he fights back in a unique manner. The wives here are shown as scheming manipulators who have to be put in their places; the climax is Lemmon's argument to an all-male jury that killing his wife as justifiable homicide. The production is in the deliberate, overstuffed manner of '50s comedy, though Lemmon and Terry-Thomas are in good form.

*What's New, Pussycat?* is an obvious

Ladies' Man: Peter O'Toole fights off in *What's New Pussycat?*

attempt at a "mod" comedy in the wake of *A Hard Day's Night*, but it's shrill and overdone, and Peter O'Toole is miscast as the young man trying to keep the ladies from crawling over him. This was Woody Allen's first writing credit, and he introduced his nebbish character to the screen as well; he and Peter Sellers (as a quack psychiatrist) do supply some real laughs. The trailer features a nice bit with Allen and Romy Schneider that isn't in the movie. *Gorgeous* transfers.

**—SLS**

## *Smile*

*1974. Bruce Dern, Barbara Feldon; dir. Michael Ritchie. Digital mono, letterboxed. (PG) 113 min. CLV 2 sides. $34.98. MGM/UA.*

This sharp-witted comedy is one of those movies that closes the book on a particular institution. *Smile* says all that's worth saying about beauty contests, and it says a lot about the claustrophobia of small towns as well. This well-produced letterboxed laserdisc gives the underappreciated movie the cachet it deserves.

Revolving around a statewide "Young American Miss" pageant in California, *Smile* features some barn-door-sized targets for satire: for starters, the talentless talent competition, the fatuous emcee and the contest organizers who preach noble deals but keep an eye out for lookers all the same. The movie's strength is that it takes relatively few cheap shots; rather, it lands its blows with scientific accuracy. In one scene, for example, Miss Anaheim (Annette O'Toole) defends pageants as equal rights: "Boys get money and scholarships for making a lot of touchdowns, right? Why shouldn't a girl get one for being cute and charming?" The naive Miss Antelope Valley responds, "Yeah, but maybe boys shouldn't be getting money for making touchdowns." Miss Anaheim's embarrassment at her friend's cluelessness is priceless.

*Smile* is graced by distinctively funny performances, all the way from leads Dern and Feldman down to the well-cast one-line bit players. The choreographer Michael Kidd, playing the contest's acid-tongued director/choreographer, enlivens the movie the way John Lovitz did in *A League of Their Own*. Look for Melanie Griffith as the contestant immortalized in the final fade-out.

**—George Mannes**

## *The Unforgiven*

*1960. Burt Lancaster, Audrey Hepburn, Audie Murphy, Lillian Gish; dir. John Huston. Digital mono, letterboxed. (NR) 125 min. side 3 CAV. $39.95. MGM/UA.*

Not to be confused with Clint Eastwood's recent and similarly titled western, *The Unforgiven* is an offbeat John Huston western drama vaguely reminiscent of John Ford's *The Searchers*. Burt Lancaster is the leader of a family of homesteaders that includes an adopted member (Audrey Hepburn) who, as it turns out, was stolen from Indians as a child. This revelation brings the wrath of both whites and Indians, with Hepburn caught in the middle.

There aren't any "heroes" in the movie in the traditional sense, which may explain its relative lack of success. Each character has at least three or four sharp angles behind his or her motives; there's also a hell of a lot of plot to delineate and a surprising amount of sex on the characters' minds.

The letterboxed image is too red at times and the sound is compressed, but the night scenes are beautiful. This picture must be seen letterboxed to be appreciated—in the absence of *The Big Country*, it may be the biggest and best widescreen western we're likely to see from MGM/UA.

**—Bruce Eder**

# CLASSICS

## *High School Confidential!*

*1958. B&W. Russ Tamblyn, Mamie Van Doren, Jackie Coogan, Michael Landon; dir. Jack Arnold. Hi-fi mono, letterboxed. (NR) 85 min. $14.95. Republic.*

## *Girls Town*

*1959. B&W. Mamie Van Doren, Mel Torme, Paul Anka; dir. Charles Haas. Hi-fi mono. (NR) 90 min. $9.95. Republic*

*High School Confidential!* and *Girls Town* are two sides of the same coin: Both are teen exploitation movies, intended to expose (and profit from) the supposed problems of American youth circa 1958-59, including drug abuse, overactive libidos and juvenile delinquency.

But *High School Confidential!* is a classic that transcends its genre, a stylish, gracefully directed "drama" about a young hood (Russ Tamblyn) eager to "graze on some grass" at his high school. From the opening shot of Jerry Lee Lewis playing the title tune on the back of a flatbed truck to the closing shoot-out, not a word of it is believable. Even so, director Jack Arnold (*The Incredible Shrinking Man*) handles it all with such over-the-top eloquence that the movie seduces audiences with a mix of jive talk and drug slang. And the CinemaScope image is filled to the edge with period detail.

**Women on the Verge:** Mamie Van Doren (left) and company grapple with '50s morality in *Girls Town*.

Mel Torme may have been a singing rival of Frank Sinatra, but his portrayal of a leather-jacketed thug victimizing "teenager" Mamie Van Doren in *Girls Town* didn't make anyone forget Ol' Blue Eyes in *Man With the Golden Arm*. *Girls Town* is just plain ludicrous, and Charles Haas lacks Jack Arnold's directorial skill in handling the material—the movie clunks along on silliness rather than style, with musical grace-notes provided by Paul Anka ("Lonely Boy") and the Platters. (Peggy Lee was offered the role of Mother Superior.) This EP-speed release is so sharp, most viewers will notice no reduction in quality. **-BE**

## *Beauty and the Beast*

*1946. B&W. Jean Marais, Josette Day; wr./dir. Jean Cocteau. Hi-fi mono, subtitled. (NR) 93 min. $24.95. Home Vision.*

Legend has it that Greta Garbo, upon seeing the Beast of Jean Cocteau's *Beauty and the Beast* transformed into the classically handsome Jean Marais, said, "Give me back my Beast." This Beast, master of a fairy-tale kingdom, is so imposing and imperious, his face such a mask of pain and regret, that he seems more real and attractive before Belle (Josette Day) redeems him through love.

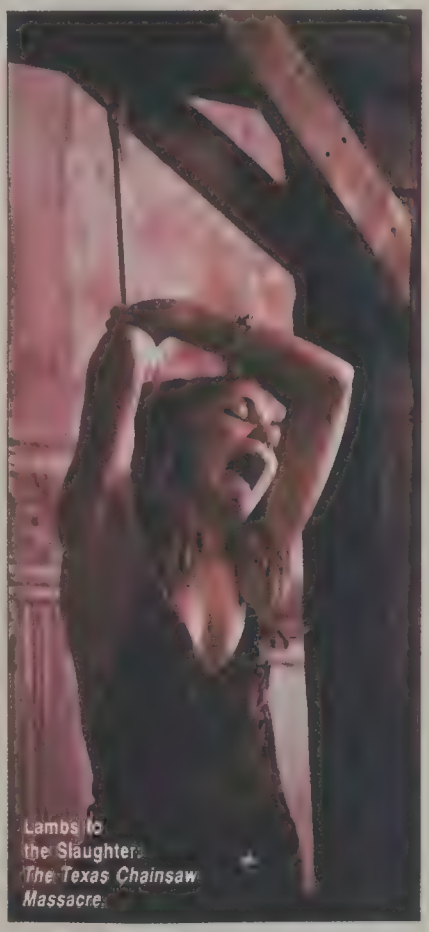
Cocteau's masterpiece, made under near-impossible conditions in postwar France, takes place in a world far removed from ours, dazzling and bejewelled. But it also reflects the outside world—at least that of 1946. The film can be seen as a parable of mankind's search for peace after a horrendous war. Or perhaps the Beast is the artist, inspired by beauty, existing far above the petty concerns of the ordinary world (like Belle's hapless father and horrid siblings.) Or you can simply experience it as a magical experience for the child that lives in the hearts of grown-ups. The Home Vision tape is based on the Criterion disc; the source print is rather battered, with a few frames missing, but the image is sharp and the subtitles are excellent. **—SLS**

## *The Texas Chainsaw Massacre*

*1973. Gunnar Hansen; dir. Tobe Hooper. Hi-fi mono. (R) 83 min. $19.98. LD $29.98. MPI.*

Contrary to what you've heard, *The Texas Chainsaw Massacre* is not one of the goriest movies ever made. What makes it an enduring classic is its ability to shock viewers *without* graphic gore. Using minimal resources to his advantage, director Tobe Hooper achieves the effect of a nightmare from which you can't wake up.

Building on that indelible title and sepulchral opening narration (by an uncredited John Larroquette), *'Saw*'s opening scenes muster such a queasy ambience that you're primed to jump out of your seat by the time the butcherous Leatherface makes his first appearance. Though it has been endlessly copied, the film's most effective and original touch is the unbearable roar of that chainsaw, mirrored by a droning *musique concrete* score.



Lambs to the Slaughter: *The Texas Chainsaw Massacre.*

The restored print re-released on video by MPI is undoubtedly the best you'll ever see, though the small screen further obscures the grotesque set details that Hooper chose not to emphasize in the first place. (He surmised that it would be more shocking for viewers to discover them on their own.) While *'Saw* may seem tame to thrill seekers weaned on graphic splatter, its cumulative depiction of people as slaughterhouse stock is more disturbing than a dozen severed limbs. For better or worse, they don't make horror movies like this anymore. **—M. Faust**

# SPECIAL INTEREST

## *One Move To Better Golf, Vol. 2*

*1993. Carl Lohren; Ex. Pr. Robert D. Klineman, Jr. Hi-fi mono. (NR) 55 min. $9.99. Video Treasures.*

There are probably more instructional tapes for golf than for any other activity short of aerobics, so finding one that works for you can be as difficult as chipping in from a deep rough. I came across one tape that is filled with all kinds of helpful tips that, with practice, have helped me shave at least three or four strokes off my semi-weekly game.

*One Move to Better Golf, Vol. 2* features golf pro Carl Lohren. Lohren is a teaching pro at a metropolitan New York golf club. Lohren has played the Senior Tour, placing fourteenth in the 1992 U.S. Senior Open, and he was named one of *Golf Magazine*'s Top 50 teaching pros in 1991. So he knows golf and how to teach it.

Lohren's tape concentrates on the four fundamentals of the golf swing. When put together they give the golfer a more powerful and more consistent swing. Lohren also helps you to understand the importance of the correct mindset in developing concentration—the key to conquering the links.

The style of the tape is unpretentious and easy to follow. Lohren employs another club pro to demonstrate the swing as he points out things on which to concentrate. There is much to focus on and users will want to refer to the tape often. I found it helpful as a diagnostic tool.

At $9.99, this tape is a real value and will probably save the user three times that amount in lost golf balls in the first season. If you don't find *One Move to Better Golf* in your video store, you can order it directly by calling 800-745-1145. **—Gary Jayson**

## HIGHLIGHTS

**The African Queen**
1951. Humphrey Bogart, Katherine Hepburn, Robert Morely; dir. John Huston. Bogart wins Hepburn and the Oscar by taking the old boat up the river one more time. Voted AFI's fourth-best American film ever made. Remastered VHS boxed set, including script, Hepburn book, and lobby cards. Mono. 105 min. $59.98. CBS/Fox.

**Brazil**
1985. Johnathan Pryce, Kim Greist, Robert De Niro; dir. Terry Gilliam. Director's cut combining American and European versions of Gilliam's not-so-futuristic vision of society, where terrorism and torture combine in plastic surgery. Audio commentary by Gilliam and co-writer Stoppard, storyboards, etc. (R) 142 min. plus supplement. LD letterboxed $124.95. Criterion.

**Claire of the Moon**
1992. Trisha Todd, Karen Trumbo; dir. Nichole Conne. When two women become roommates at a writer's retreat, chemistry overcomes philosophical differences, allowing for revaluation of one another and their own identities. (NR) 102 min. VHS only $89.95. Fox Lorber.

**Dave**
1993. Kevin Kline, Sigourney Weaver, Frank Langella; Dir. Ivan Reitman. Photo-op stand-in Dave is stuck with the job of President of the United States and makes for a more caring, sharing leader. Surround. (PG-13) 110 min. VHS priced for rental. LD $34.98. Warner.

**Smells Rotten:** Johnathan Pryce prepares for corrective surgery in *Brazil;* Terry Gilliam gets final cut.

**Der Blau Engel (The Blue Angel)**
1930. B&W. Marlene Dietrich, Emil Jannings; dir. Josef Von Sternberg. What chance has the respectable professor (or any of us) against the irresistable Lola-Lola? With 13 extra uncensored minutes. (Also in "Treasures from the Weimar Republic 1919-1933" are masterpieces by Murnau, Pabst, Lang and Ruttman.) Mono, subtitled. (NR) 106 min. VHS only, $24.95. Kino.

**Dragon: The Bruce Lee Story**
1993. Jason Scott Lee, Lauren Holly, Nancy Kwan, Robert Wagner; dir. Rob Cohen. Biopic of Kung-fu legend Lee, who had already brought an entire sub-genre to the mainstream by the time of his death at age 32. Surround. (PG-13) 120 min. priced for rental. MCA/Universal.

**Female Misbehavior**
1992. Camille Paglia, Annie Sprinkle; dir. Monika Treut. Four short films on female sexuality: *Annie* (porn performance artistry), *Bondage* (theory and practice of S&M), *Max* (female to male transexualization), *Dr. Paglia* (post-feminist author). VHS only, $59.95. 80 min. First Run.

**Final Judgement**
1992. Brad Dourif, Isaac Hayes, Karen Black; dir. Leuis Morneau. Ex-gang member and inner-city priest, framed for a murder, descends into Hollywood sexual underground and own id. Stereo. (R) 90 min. $89.95. Columbia TriStar.

**The Fireman's Ball**
1967. Jan Vostrcil, Josef Sebanek, Josef Valnoha, Josef Kolb; dir. Milos Forman. A fireman's ball goes wrong at every turn. Intimate, humorous look at small-town life in Soviet Czechoslovakia, when there still was such a place. 73 min. LD $49.95. Criterion.

**Highlander: The Gathering**
1993. Christopher Lambert, Vanity, Adrian Paul; dir. Thomas J. Wright, Ray Austin.

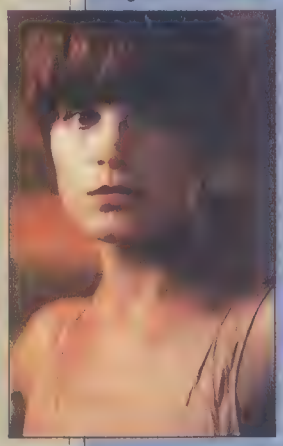
**Compiled by Josef Krebs**

## Labels For Less

It's a man's world, at least at MGM/UA: 17 biopics are now $19.98, including 16 about the great American male. Featured are *Young Tom Edison, The Adventures of Mark Twain, Bound For Glory, Night and Day, Minnelli on Minnelli* (Liza talking about dad Vincente) and only one about a woman—*Look for the Silver Lining* (the Marilyn Miller story). Tough guys also came cheap with $14.95 holiday releases featuring Sly Stallone in four *Rocky* films and *F.I.S.T.*, James Caan in *Rollerball*, and Burt Reynolds and Kris Kristopherson in *Semi-Tough*. And part five of MGM's "Leading Men" series brings *Paris Blues, Casanova Brown* and *Task Force* down to $19.98. A whole team of men can be found in Walt Disney's *The Mighty Ducks*, now $19.99.

Columbia TriStar represents the other sex with *Single White Female* ($19.95), while offering family favorites like *Hook, The Adventures of Milo and Otis, A League of Their Own, Snowman* and *Teenage Mutant Ninja Turtles III* at $19.95 each. Holiday spirit from Turner includes *How the Flintstones Saved Christmas, Yogi Bear's All Star Comedy Christmas Caper* and *A Christmas Story*, $9.98 each; *Holiday Affair, Bringing Up Baby, Christmas in Connecticut, The Bachelor and the Bobby-Soxer, Mr. Blanding Builds His Dream House* and *The Miracle in the Wilderness* go for $14.95 each. And finally, one definitely for the kids from Hemdale: *Little Nemo: Adventures in Slumberland*, at $24.95. Happy holiday and good will toward men—and women. —JK

**Bridget Fonda in *Single White Female***



# BEACH CAMERA OF MAINE

25 Yrs Experience

POPULAR PHOTOGRAPHY CHECKERATED STORE

EXPRESS SHIPPING AVAILABLE

**SATISFACTION GUARANTEED IN 15 DAYS OR YOUR MONEY BACK !!**

## TOLL FREE ORDERS ONLY
## 1-800-634-1811

ANYWHERE IN U.S., HAWAII, ALASKA & CANADA

In N.J., CANADA & OVERSEAS ..... 1-908-424-1101
FOR INFORMATION ..... 1-908-424-1101
24 HOUR FAX ORDERS ..... 1-908-424-1105
CUSTOMER SERVICE 11am-5pm ..... 1-908-424-1103

OPEN SUNDAYS

Send All Mail Orders To The Following
203 ROUTE 22 EAST
GREENBROOK, NJ 08812

ALL MAJOR CREDIT CARDS ACCEPTED
NO SURCHARGE ON ANY CREDIT CARDS

NO SALES TAX WHEN SHIPPED OUT OF NEW JERSEY

At Beach Camera most orders are processed within 20 hrs, New Jersey Residents add 6% sales tax.

**STORE HOURS:**

| | |
|---|---|
| Sunday | 10:00am-7:00pm |
| Monday | 9:00am-8:00pm |
| Tuesday | 9:00am-7:00pm |
| Wednesday | 9:00am-7:00pm |
| Thursday | 9:00am-8:00pm |
| Friday | 9:00am-3:00pm |
| Saturdays | CLOSED |

SONY PANASONIC CANON SHARP NIKON YASHICA QUASAR HITACHI

MITSUBISHI TOSHIBA RICOH MINOLTA RCA VIDEONICS JVC SUNPAK

## NEW YORK PRICES . . . . . WITH NEW ENGLAND SERVICE

### SONY

**TR-SERIES**

**TR-200** $758
☑Hi-8
☑8:1 Zoom
☑3 Mode AE Program
☑Station/Docking Device
TR-101 ..... 1128
NEW TR-91 ..... CALL
NEW TR-21 ..... CALL

**TR-61** $638
☑10:1 Zoom
☑Hi Fi Stereo
☑Wireless Remote
NEW TR65 ..... CALL
NEW TR-300 Color ..... CALL
NEW CCD VX3 3 Chip ..... 2799
NEW TR-500 ..... CALL

**VHS-C**

### Panasonic

**PV-43** NEW $808
☑EIS
☑Metal Heads
☑20:1 Digital Zoom
NEW PV-53 ..... 888
PVS-62 S-VHS-C ..... 1038
NEW PVS-63 S-VHS-C ..... CALL
PV-332 ..... 638

**PV-IQ403** $628
☑1 Lux
☑10:1 Zoom
☑COLOR VIEWFINDER
NEW PV-IQ203 ..... 558
NEW PV-IQ303 ..... 568
NEW PV-IQ503 ..... 688
NEW AG-3 (3 CCD CHIP) ..... CALL

**AUTHORIZED DEALER**

### Canon

**A1 Digital** $1128
☑Hi8
☑Digital Effects
☑10:1 Zoom
☑Character Generator
E520 ..... NEW E350 ..... CALL
L1 Pro ..... In Stock CALL
We Carry The Whole Line Of Canon!

**E-250** HOLIDAY SPECIAL TO LOW
☑2 Lux
☑Hi Fi Stereo
☑12:1 Infrared Zoom
NEW! UCS-5 ..... CALL
UC-1 ..... 609 UC-20 ..... 648
NEW! UC-S2 ..... 749
NEW! UC-S3 ..... 988

**NEW! NEW!**

### SHARP

**VLL63** CALL
☑0.7 Lux
☑Slimcam
☑12:1 Zoom
☑Remote Control
NEW VLE-30 ..... Call
NEW VLL-390 ..... Call
VLL-50 Orig. Slim Cats Eye ... Call

**VL-HL100** CALL NEW
☑Viewcam
☑Built In Monitor
☑Hi-8mm
NEW VL-E30 (View) ..... Call
NEW VLN1 ..... Call
VLL-72 Twincam ..... 648

SHARP Batteries, Cases, and Car Cords Available ..... Please Call

### Nikon

**VN-720** 5 YEAR WARRANTY CALL
☑Hi8 ☑Dock System ☑8:1 Zoom
VN-330 (Same As TR61) ..... Call
VN-340 ..... Call
VN-550 ..... Call
VN-750 (Same As TR101) ..... Call

### Quasar

**VM539** NEW CALL
NEW VM525 ... In Stock
NEW VM530 ... In Stock
NEW VM535 ..... Low
☑EIS ☑VHS-C ☑20:1 Digital Zoom ☑Same As Panasonic IQ Series
VM-719 (Same As PVS-770) ... Call
VM-718 (Same As PV-760) ..... Call

### VIDEO PACKAGES

- EXTENDED WARRANTY
- EXTRA BATTERY
- DELUXE CARRY CASE
- PRO VIDEO LITE

FOR ANY OF THE ABOVE CAMCORDERS ..... CALL

### NEW AUDIO DEPT.

PIONEER
LASER DISC
RECEIVERS
CASSETTE DECKS
SONY AUDIO
CALL

### SONY

**VHS VCRs**
NEW SLV-400 ..... 228
NEW SLV-696 ..... 378
NEW SLV-750 ..... 388
SLV-R5 ..... Call
SLV-595 ..... 348
NEW SLV-700 ..... 328
NEW SLV-900 ..... 418
NEW SLV-R1000 ... Call

**8mm VCR's**
EVS-550 ..... 438
NEW EVC-40 ..... 298
EVS-50 ..... 738
EVC-3000 ..... LOW
Brand New! EVS-2000 ..... The Lowest
WE ALSO CARRY SONY BETA PLEASE CALL!

### Panasonic

**Video Cassette Recorder**
New PV 2301 ..... 169
New PV 4311 ..... 209
PVS 4366 ..... 439
PV 4362 ..... Call
New PVS4380 ... Call
New PV 4301 ..... 198
New PV 4351 ..... 258
New PV 4314 ..... Call
New AG 1970 .. 1148
New AG1270 ..... Call

### RCA

**Video Cassette Recorder**
VR 320 ..... 179
VR 516 ..... Call
VR 526A ..... Call
VR 657HF ..... 258
VR 667HF ..... Call
New VR800 HF .. Call
VR 536 ..... Call

**LASER DISC**
LDR 500 ..... Call
LDR 310 ..... Call

ASK ABOUT THE NEWEST & LATEST VCRs

### JVC

**Video Cassette Recorder**
NEW HRJ-200 ..... 188
NEW HRJ-600 ..... 288
HRVP 66 ..... 328
HRDX 62 ..... 278
HRS 4700 ..... 418
NEW HRS 6800 ..... 548
NEW HRJ-400 ..... 208
HRVP 46 ..... 244
HRDX 42 ..... Call
HRVP 604 ..... Call
NEW HRS 4900 ..... Call
NEW HRS-6900 ..... Call

### HITACHI

**Camcorders**
VM-H39A ..... New
NEW VMH-57 ..... Call
VME-25A ..... Call
VMS 8200 ..... Call
VMSPIA WATER RESISTANT ..... CALL
VM-H38A ..... New
NEW VME-55 ..... Call
VM2600 ..... Call
NEW VME-53 ..... Call

**VCRs**
VT-M272A ..... Call
VT-F362 ..... Call
VT-F551 ..... Call
VT-M370 ..... Call
VT-F372A ..... Call
NEW 772A ..... Call

### MITSUBISHI

**Video Cassette Recorder**
HSU-56P ..... 378
NEW HSU59 ..... CALL
HSU-82 ..... 949
HSU-57 ..... 428
NEW HSU-69 ..... Call
Ask About Ext Warranty

### TOSHIBA

**Video Cassette Recorder**
M228 ..... Call
M448 ..... 259
M658 ..... Call
NEW M758 ..... Call
M229 ..... Call
NEW M449 ... In Stock
NEW M659 ..... Call
NEW M759 ..... Call

### Quasar

**VCRs**
VH-220 ..... Call
VH-425 ..... Call
New VH-230 ..... CALL
New VH-434 ..... CALL
VH-420 ..... Call
VH-6420 ..... Call
New VH-430 ..... CALL
New VH-435 ..... CALL

**BRAND NEW**

### SONY

**FX-SERIES**

**FX-420** $568
☑2 Lux
☑10:1 Zoom
☑3 Mode AF
☑A/V Fader
NEW SC-5 Snappy ..... CALL
NEW TR-65 ..... CALL
Sony Video Tapes ..... CALL

**FX-520** $628
EXTRA BATTERIES AVAILABLE!
☑2 Lux
☑12:1 Zoom
☑3 Mode AF
☑Wireless Remote
FX-620 ..... 689
FX-310 ..... 508
FX-410 ..... 528
FX-710 ..... 799
V701 ..... 819

**S-VHS**

### Panasonic

**PVS-770** $988
☑S-VHS-C
☑12:1 Zoom
☑Digital Fade
☑Video Light
PV-760 ..... 798
AG455 Professional ..... CALL
AG460 Professional ..... CALL

**PV-800** $598
☑2 Lux
☑12:1 Zoom
☑Slim Width
☑Switch Hitter
PV-704 ..... $549
NEW! PV-810 Video Lite ... CALL

**AUTHORIZED DEALER**

### RCA

**PRO 830** NEW CALL
☑10:1 Zoom
☑Digital Titler
☑Remote Control
NEW Pro 883, Hi-8, EIS ..... CALL
VHS CC407, CC507, CC517 .. CALL
NEW Pro 84, 808 ..... CALL

**CC 540** CALL NEW
☑24:1 (100 Dig) Zoom
☑Titler
☑Only 1 Lux
☑Full Size VHS
NEW Pro 840 ..... CALL
NEW Pro 930 Hi-8, EIS ..... CALL

**S-VHS-C**

### JVC

**GR-SZ1** $1198
☑Hi-Fi
☑S-VHS-C
☑22:1 Zoom
☑Wireless Remote
GRM-3U ..... 468
GRM-5U ..... 548
GRM-7U ..... 678

**VHS-C**

**GR-AX35** $588 NEW
☑VHS-C
☑8:1 Zoom
☑Video Light
GRAX-50 ..... 609
GRSX-90 ..... 728
GRS-505 Special
GRAX-25 ..... 525
GRAX-75 .CALL
GRAX1 Water Resistant ..... CALL

### MINOLTA

**Pro 8-918** IN STOCK
☑8:1 Zoom ☑Hi8
☑820,000 Pixels ☑2 CCD Chips
8-778 ..... CALL
8-378 ..... Call
NEW C-550 ..... Call
NEW C-560 ..... Call

### RICOH

**R18H** LOW PRICE
☑EIS, Hi-Fi
☑Same As Sony TR-101
☑Wireless Remote ☑10:1 Zoom
NEW R17C (Same As Sony TR91) . Low
R16 (Same As Sony TR61) ..... Prices
EXTRA BATTERIES ..... CALL

### VIDEO ACCESSORIES

**VIDEONICS**
Title Maker ..... 354
Edit Maker ..... 468
Equalizer ..... 218
THUMBS UP ..... 158
Sound Effects Boing Box ..... 99

**CITIZEN MONITOR**
$CALL
Monitor M329H ..... Call

**sima**
Screenwriter ..... 118
Edit 1-2-3 NEW Edit 4 ..... Call
Stereo Sound Mixer ..... Call
SPM-4 Discharger/Charger ..... Call
SPM 1-2-3-5-5n-8-7 ..... Call

**JVC**
CG-V80 ..... 124
JX5V-55 ..... 378
JX8-88 ..... 228
JX8-300 ..... 198
JX5-900 ..... 478
AZDEN ACCESSORIES ..... CALL

WE CARRY MANY MORE PLEASE CALL!

**SUNPAK**
Auto CV-300 ..... 89
Auto CV-208R ..... 64
CV-300 ..... 75
CL-5/8 Battery ..... Call
CV-320 ..... Call
CV-150 ..... Call
CZ-200 ..... Call
UNOMAT VIDEO LIGHTS AVAILABLE

All merchandise is brand new and factory fresh Prices Are For Mail Order Only 10% deposit required for COD orders. Please allow 3-4 weeks delivery time for personal check orders. Exchange or refund less shipping and handling within 15 days of merchandise only if returned in original mint condition with original package and unfilled warranty cards. Please call 908-424-1103 for return authorization before returning product. Some items listed may be parallel imports and do not include USA warranty Returns may be subject to a restocking fee. Quantities limited prices effective through December 31, 1993. Call for shipping and handling charges. Tamaron lens mounts sold seperately No Surcharge on Credit Cards. Thank you for shopping with us UPS, Federal Express & US Mail.

Circle 32 on Reader Service Card.

# Is your Cable Company Alienating You?

**Say NO to unearthly rental fees!**

Owning your cable equipment saves you the high cost of monthly equipment rental charges, and gives you control of your TV.

**We have the *Best* in**

**CONVERTERS and DESCRAMBLERS!**

**Everquest • Panasonic • Jerrold • Zenith • Pioneer**
**Scientific Atlanta • Oak • Eagle • Hamlin • Tocom**

**1 800 624-1150**

DISCOVER VISA MasterCard

FREE Catalog! **MD Electronics** CALL TODAY!

875 S. 72 Street • Omaha, NE 68114

Circle 33 on Reader Service Card.



NORDIC FLEX Gold

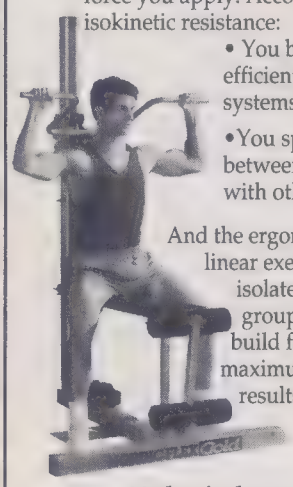
# ADVANCED DESIGN FOR A SUPERIOR WORKOUT

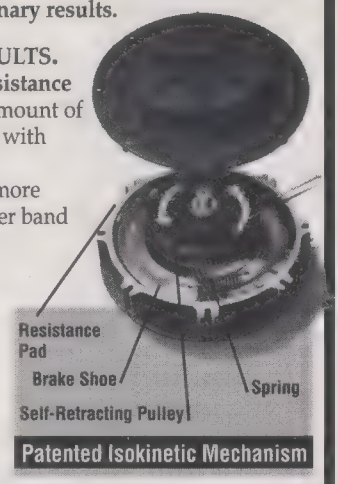
**The NordicFlex Gold® strength trainer advances the science of strength training to bring you truly revolutionary results.**

GET A FASTER WORKOUT, FASTER RESULTS. **NordicFlex Gold has a patented isokinetic resistance mechanism** that automatically adjusts to the amount of force you apply. According to research, with isokinetic resistance:

- You build lean muscle more efficiently than with rubber band systems or free weights.
- You spend less time between exercises than with other systems.

And the ergonomically correct linear exercise motion isolates the muscle groups you want to build for maximum results.






**FREE Video and Brochure**
**Call 1-800-441-7890 Ext. 4FAL3**

or write: NordicTrack, Dept. 4FAL3
104 Peavey Road, Chaska, MN 55318-2355
❑ Send me a FREE brochure ❑ Also a FREE VHS videotape
Name _____
Street _____
City _____ State _____ Zip _____
Phone ( ) _____

**30-day in-home trial**

***Best of all...it's from NordicTrack!***

©1993 NordicTrack, Inc., A CML Company
All rights reserved.

Circle 22 on Reader Service Card.


*continued from page 108*

Highlander saves Earth from evil sword-wielder to the music of Queen, in the feature length pilot that "inspired" the TV series. Stereo. (PG-13) 98 min. $89.95. LD $39.95. Hemdale.

**Julius Caesar**
1953. B&W. Marlon Brando, James Mason, John Gielgud, Deborah Kerr, Greer Garson; dir. Joseph L. Mankiewicz. Brando here proved once and for all that he was more than just the glorious animal from *Streetcar*; in this all-star Shakespeare he plays the intelligent and captivating orator, Mark Antony, with nobility and power. Stereo. 120 min. LD $39.98. MGM/UA.

**My New Gun**
1992. Diane Lane, James Le Gros, Tess Harper; dir. Stacy Cochran. Gerald buys Debbie a gun. Paranoia sets in. Skippy steals the gun. Debbie meets Skippy's drug-dependent ex-country-western-star mother and her violent husband. A romantic comedy. Surround. (R) 99 min. priced for rental. LD $34.95. Columbia TriStar.

**The Night of the Iguana**
1964. B&W. Richard Burton, Deborah Kerr, Ava Gardner; dir. John Huston. Perfect cast and direction in this enjoyable adaptation of Tennessee Williams' tale of a defrocked priest at the end of his tether. Mono. 125 min. LD letterboxed. $39.98. MGM/UA. ▸

## TECH TIPS

### *Wild wipes*

Even if you don't have a video mixer, there's an easy way to perform wipes between scenes. Just grab a piece of cardboard or black construction paper, and move it slowly into the frame directly in front of the lens when you want to end a scene, then hit the run/pause button. Begin the next scene with the paper in front of the lens, then hit the run/pause button again and slowly move the paper away.

Steve Ballot
Maplewood, New Jersey

### *Game graphics*

If you want to add exciting graphics and titles to your videos, look no further than you kid's videogame machine. Nintendo and Sega both offer paint programs (such as *Mario Paint* and *Art Alive*) that can create surprisingly attractive graphics. It's best to connect the game machine straight to your VCR with video cables, rather than using the machine's RF cable.

Jerry DePinto
Kent, Washington

# AUTHORIZED ELECTRONICS

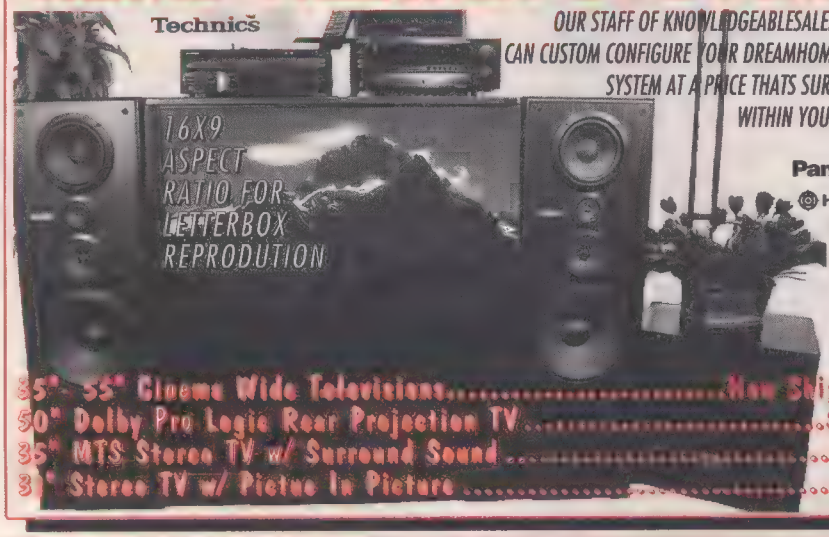
1166 HAMBURG TPKE. WAYNE NEW JERSEY

ELECTRONIC WHOLESALERS CUSTOMER SERVICE:
**201-696-6531**
We ship within 24 hours. All prices quoted include manufacturer's standard accessories & U.S. Warranty. All units are factory sealed. Shipping & Handling are non-refundable.

25TH ANNIVERSARY

**LOOK NO FURTHER...OUR PRICES ARE LOWEST!**

## HOME THEATER SYSTEMS

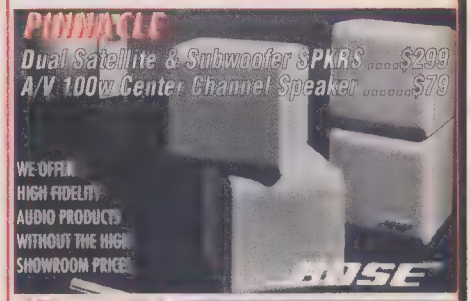



OUR STAFF OF KNOWLEDGEABLESALES PERSONS CAN CUSTOM CONFIGURE YOUR DREAMHOME THEATER SYSTEM AT A PRICE THATS SURPRISINGLY WITHIN YOUR BUDGET.

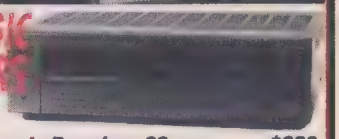
Panasonic
HITACHI
RCA
JVC

35"- 55" Cinema Wide Televisions.....Now Shipping!
50" Dolby Pro Logic Rear Projection TV.....$1999
35" MTS Stereo TV w/ Surround Sound.....$1199
31" Stereo TV w/ Picture In Picture.....$799

## SATELLITE SPEAKERS & SUBWOOFERS

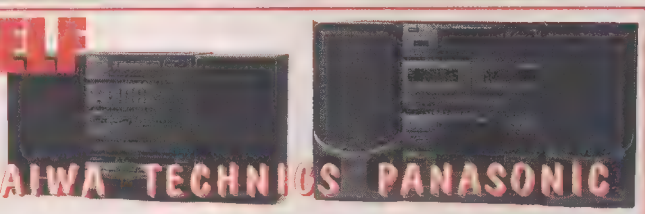



## PRO LOGIC RECEIVERS



Dolby Pro Logic Receiver 80 wpc.....$269
Switchable Impedence 8, 4,& 2 Ohms
Cassette Deck w/6+1 Multi Changer ...$199
Programmable 18 Disk CD Changer ...CALL

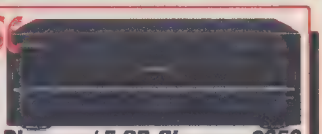
## BOOKSHELF AUDIO



NEW JVC AIWA TECHNICS PANASONIC

50 Watts Per Channel Mult-Disc w/ 5 Disc Changer & Dual Auto Reverse Tape ....PRICE REDUCED!

## LASER DISC PLAYERS



Laser Video Player w/ 5 CD Changer.$359
Laser & CD w/Shuttle Play.....$299
Combo Laser & Karaoke Player....$569
Dual Side Play Laser Video Disk .....$489

## CAMCORDERS

PRICES DROPPING EVERYDAY, CALL US FOR ALL CURRENT PRICES ON ALL MANUFACTURERS!

3 CCD Chip Camcorder.....$2400
Hi 8mm/EIS Stabilizer 8x Zoom ....$899
Choice 8mm & VHS-C Palm Size .....$499
Palmsize Camcorders w/10x Zm ...$589
8mm w/Optical Image Stabilizer...$799
NEW ARRIVALS EVERY DAY ....CALL US!

## JOG & SHUTTLE VCR'S

E6120 Hi8 ...$12.50
JVC HRS 6800U Super VHS w/ Flying Erase Head, Jog Shuttle, .....$589
8mm Jog & Shuttle LC Controller..$999
Super Beta Hi Fi Stereo .....$349
Your Choice 8mm, 4hd Hi Fi, or Beta $329

## DIGITAL PLAYERS & RECORDERS

Digital Compact Cassette, Digital Audio Tape, DAT, Mini Disc, DCC, & PCM
STARTING AT .....$299

# SAMMAN'S ELECTRONICS

CAR STEREO, PORTABLE AUDIO, & KITCHEN APPLIANCES

# 1-800-374-7125

Call Now For Your Best Delivered Legitimate Price! Convenient Fax # 201-633-1476

Circle 34 on Reader Service Card.

# New West ELECTRONICS

...the folks who care

- Camcorders • VCRs
- Industrial
- TVs and Monitors
- Laser Disc Players
- Audio Components
- Speakers
- Karaoke
- Radar
- A Complete Line of Accessories

- ***FREE DELIVERY****
- FEDERAL EXPRESS
- ***HONEST PRICE***
- ***FRIENDLY SERVICE***

## *ALL MAJOR BRANDS*

# 1-800-488-8877

[Same in Canada]

DISCOVER VISA MasterCard AMERICAN EXPRESS

CODs & POs Welcome
No Additional Charge for Credit Cards

**Call Toll-Free Mon-Fri: 6:30am – 7:00pm,**
**Sat: 7:00 am – 6:00 pm Sun: 7:00 am – 5:00 pm Pacific Time**

New West Electronics • 4120 Meridian, Bellingham, Wa 98226
A Division of Clarity Electronics, Ltd.

*On Camcorders and VCRs

Circle 35 on Reader Service Card.

**Peeping Tom**
1960. Carl Boehm, Moira Shearer, Anne Massey; dir. Michael Powell. Brilliant study of the sadistic, voyeuristic nature of cinema, via story of psychopath who films his victims' fear as he impales them with a tripod leg. Commentary by historian Laura Mulvey. Mono. 109 min. LD letterboxed $49.95. Criterion.

**Peppermint Soda**
1977. Eleonore Klarwein, Odile Michel, Anouk Ferjak; dir. Diane Kurys. Sisters experience Parisian teenagehood circa 1963, including first love and beach vacation (sounds like a Rohmer film, but funny). Winner of Prix Louis Delluc, France's Academy Award. Mono, subtitled. (PG) 97 min. VHS only, $79.95. New Yorker.

**Sanjuro**
1962. Toshiro Mifune, Tatsuya Nakadai, Takashi Shimura; dir. Akira Kurosawa. The shabby samurai of Yojimbo returns to help student samurais clean-up clan corruption. Delightfully deadpan Mifune. Mono, subtitled. 96 min. LD $49.95. Criterion.

**Sleepless in Seattle**
1993. Tom Hanks, Meg Ryan, Ross Malinger, Rob Reiner; dir. Nora Ephron. "You may see a stranger..." But what if you hear him on the radio? For those who believe in the certainty of love at first sight. Surround. (PG) 105 min. priced for rental. LD $34.95. Columbia TriStar.

**The Sound of Music**
1965. Julie Andrews, Christopher Plummer; dir. Robert Wise.The five-Oscar Rogers and Hammerstein musical that had the whole world Do-a-deering is reissued in a widescreen, THX-approved laserdisc (the first non-action film to be so honored). Collector's edition includes supplemental material. Surround, letterboxed. (G) 174 min. $99.98. FoxVideo.

**Stephen King's The Tommyknockers**
1993. Jimmy Smits, Marg Helgenberger, John Ashton; Dir. John Power. It's in the woods. One man fights to save plain Maine town from evil force that makes the folks act...strange. Surround. (R) 119 min. $92.95. Vidmark.

**The Trials of Life**
1991. Sir David Attenborough brings the wild into your living room. Get to know these extraordinary creatures, then see them ripped to shreds by other extraordinary creatures. In 12 parts. 50 min. each. $19.98 each. 3-tape set $69.98, full collection $199.98. Turner.

**Urotsukidoji Perfect Collection**
1992. Anim. 5-part Japanese erotic horror story in which the revived Overfiend threatens mankind. Director's cut includes 40 minutes so "sexually violent it could not be included in the theatrical features." Stereo, subtitled. 240 min. $99.95. Central Park Media.

**Utamaro and his Five Women**
1946. Minnosuke Bando, Kinuyo Tanaka, Kotaro Bando; dir. Kenji Mizoguchi. Striking account of late-18th-century artist who expresses his emotions for the female deni-


ON SPECIAL THIS MONTH,
*from the folks who care . . .*

GIVE US A CALL TO FIND OUT HOW CANON FINALLY BROKE THE IMAGE STABALIZER PRICE BARRIER!

THIS AMAZING NEW CANON CAMCORDER FEATURES:
• SHAKE ABSORBER •
OPTICAL IMAGE STABALIZER
• POP-UP VIDEO LIGHT •
• 12X POWER ZOOM •
• 180 DEGREE FLEXI-GRIP •
• SPORTS FINDER •
• CHARACTER GENERATOR •
• EDIT ERASE •
• 0-LUX RECORDING •
WITH POP-UP VIDEO LIGHT
• AND A REALLY GREAT PRICE! •

New West ELECTRONICS

GIVE US A CALL FOR A GREAT DEAL ON THIS REVOLUTIONARY NEW CAMCORDER, OR ANY CAMCORDER IN THE CANON VIDEO LINE.

1-800-488-8877
(MON-FRI 6:30AM-7:00PM • SAT&SUN 7:00AM-5:00PM)
4120 MERIDIAN
BELLINGHAM, WA. 98226
A DIVISION OF CLARITY ELECTRONICS LTD.

Circle 35 on Reader Service Card.

ON SPECIAL THIS MONTH
*from*
*the folks who care . . .*

**HITACHI**
**VM-E55A**
8mm Compact Camcorder

**The E55A, Hitachi's latest masterpiece for the video enthusiast in all of us.**

THIS *GREAT* NEW CAMCORDER FEATURES:

- 16X POWER ZOOM
- 1 LUX RECORDING
- ELECTRONIC IMAGE STABALIZER
- ADVANCED DSP
- 3 WAY DIGITAL FADER
- ADVANCED ARTIFICIAL INTELLIGENCE TECHNOLOGY
- TITLER
- FLYING ERASE HEAD

CALL TODAY FOR A GREAT DEAL ON THIS EXCITING NEW CAMCORDER FROM HITACHI!

1-800-488-8877

New West ELECTRONICS

• A DIVISION OF CLARITY ELECTRONICS •
4120 MERIDIIAN • BELLINGHAM, WA • 98226

Circle 35 on Reader Service Card.

zens of Tokyo's underworld through his portraits of them. *Japanese Masters* series includes works by Ozu, Oshima, Kurasowa and Itami. B&W. Mono, subtitles. 89 min. $69.95. New Yorker.

**Weekend at Bernie's II**
1993. Andrew McCarthy, Jonathan Silverman, Terry Kiser; dir. Robert Klane. Bernie is resurrected by a voodoo priestess for the sequel. Surprise hit comedy continues. Surround. (PG) 89 min. priced for rental. LD $34.95. Columbia TriStar.

**Yellow Earth**
1988. Xue Bai, Wang Xuequi, Tan Tuo, Liu Qiang; dir. Chen Kaige. Young peasant girl flees tradition when love comes in the shape of a revolutionary guardsman. From the makers of *Ju Dou* and *Raise the Red Lantern*. Mono, subtitled, letterboxed. (NR) 89 min. $79.95. Fox Lorber.

## COMEDY

**Life With Mikey**
1993. Michael J. Fox, Christina Vidal; dir. James Lapine. Desperate, third-rate talent agent finally discovers a sensation. Now if he can only keep the ten-year-old hood out of jail...Surround. (PG-13) 92 min. priced for rental. Touchstone.

**Made in America**
1993. Whoopi Goldberg, Ted Danson; dir. Richard Benjamin. Independent Afro-centrist business woman goes to a sperm bank for the best it's got; 20 years later her daughter finds out her dad is Ted Danson—a buffoonish white car-dealer. Surround, cc. (PG-13) 111 min. priced for rental. LD letterboxed $34.98. Warner.

**Who's the Man?**
1993. Doctor Dre, Ed Lover, Denis Leary, Ice-T; dir. John Lafia. Comedy team hosts of *Yo! MTV Raps* are inept barbers turned Harlem street cops in this film that boasts more than 50 top rap artists. Stereo. (R) 90 min. priced for rental. LD $39.99. New Line.

## DRAMA

**Blue Ice**
1992. Michael Caine, Sean Young; dir. Russell Mulcahy. Romantic thriller. Ex-spy aids ambassador's wife and is sucked back into into world of global espionage, murder and arms deals. Stereo. (R) 96 min. priced for rental. HBO Video.

**Guilty as Sin**
1993. Don Johnson, Rebecca de Mornay; dir. Sidney Lumet. Tough female defense attorney who fights to get playboy off murder-rap begins to doubt his innocence and starts fearing for her life. From director of such classic courtroom dramas as *12 Angry Men* and *The Verdict*. Surround. (R) 120 min. priced for rental. Hollywood Pictures.

**Lost in Yonkers**
1993. Richard Dreyfuss, Mercedes Ruehl, Irene Worth; dir. Martha Coolidge. Two young boys gain life-lessons at their grandma's during the war. Ruehl and Worth recreate their Tony Award-winning roles as Aunt Bella and Granma. Adapted from the Pulitzer Prize-winning play. Surround. (PG) 89 min. priced for rental. LD $34.95. Columbia TriStar.

## SPECIAL-INTEREST

**A. Einstein—How I See the World**
1991. Nar. William Hurt; dir. Richard Kroehling. Just as the inventor of dynamite went on to create the Nobel Peace Prize, the man who made the atomic bomb possible became the most eloquent advocate for peace, as well as a winner of the prize. Told in excerpts from Einstein's diaries, letters and writings. Also in series: Lincoln, Geronimo and Maya Angelou. 60 min. each. VHS only, $19.95-$24.95 each, $79.95 for boxed set of four tapes. PBS.

**Cindy Crawford/The Next Challenge**
1993. Cindy Crawford, Radu (Cindy's personal trainer); dir. Peter Care. Sequel to the *Shape Your Body Workout*; the name says it all. Also available: *The Marky Mark Workout: Form, Fitness, Focus*. 60 min. VHS $19.95. GoodTimes.

**No Rewind**
1992. Dir. Paula Mozen. Award-winning MTV-style educational documentary on teenagers and HIV/AIDS awareness. 23 min. $150. No Excuses Productions (510-530-3247).

**On the Town**
1992. Tyne Daly, David Garrison, Cleo Laine, Frederica von Stade, Samuel Ramey, conductor Michael Tilson Thomas. Leonard Bernstein's wonderful score recorded live at the Barbican Center in London by Deutsche Grammophon. Includes numbers cut from the original 1944 Broadway production, and reminiscences from lyricists Comden and Green. Stereo. $29.95. LD $34.95. Polygram Video.

## KIDVID

**Ariel's Undersea Adventures**
1993.The last two episodes—"In Harmony" and "Ariel's Gift"—of the prequel series to *The Little Mermaid*. Surround. 44 min. $12.99 each. Walt Disney.

**The Muppet Christmas Carol**
1992. Michael Caine, Kermit, Miss Piggy and the whole gang; dir. Brian Henson. Song-filled version of classic in which the Muppets play their first fictional roles! Surround. (G) 95 min. $22.99. Walt Disney.

**Kids' Cultural Collection**
Launching this series are *Alice in Wonderland*, *Cinderella*, and *Swan Lake Story*, all told in dance (ballet, modern, acrobatics, and mime) with world-class companies and orchestras. Stereo. 27-38 min. each. $19.98 each V.I.E.W.

## LASERDISCS

**bodies, rest & motion**
1993. Phoebe Cates, Bridget Fonda, Tim Roth, Eric Stoltz; Twenty-somethings weekend of dreams and realities. Stereo. (R) 96 min. $49.95. Criterion.

**The French Connection Parts 1 and 2**
1971/1975. Gene Hackman,Roy Scheider, Fernando Rey; dir. William Friedkin/John Frankenheimer. Five Academy Award-winner, including Best Picture and its less celebrated—but still pretty good—sequel (as long as you like cold turkey). (R)

*continued on page 120*

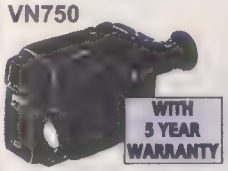
# GARDEN STATE camera

TOLL FREE ORDER # 800-569-4100
N.J. RESIDENTS CALL: 201-742-5777
CUSTOMER SERVICE AND INFORMATION 201-742-5840
FAX (24 HRS. A DAY) 201-742-0413

HOURS: MON.-THURS. 9AM-6PM, FRI. 9AM-2PM, SUN. 10AM-5PM

## Nikon

VN750



WITH 5 YEAR WARRANTY

**Hi Band 8mm Camera**
- Electronic Digital Stabilization
- 10x power zoom lens w/Nikon full range inner focus

IN STOCK! SALE PRICED

NEW! VN550 CALL!

NEW! VN340 CALL!

## RICOH

R18H

NEW LOW PRICE!

**Hi-8 Stereo Camcorder**
w/SteadyShot Image Stabilizer
- 10x power zoom lens
- Digital superimposer
- 5 year warranty

R87H ..... CALL
R16 ..... CALL

## SONY

TR101

$1099.95

**Hi-8 Stereo Camcorder**
w/Steady Shot Image Stabilizer

NEW TR-500 ..... CALL
NEW! TR-21 ..... CALL
NEW! TR-300 ..... CALL
TR61 ..... $649.95
FX710 ..... $849.95
FX310 ..... $579.95

TR91

NEW MODEL!

**8mmCamcorder**
w/Steady Shot ™ Image Stabilizer and Color Viewfinder

$999.95

TR65

NEW MODEL!

**8mmCamcorder**
w/Color LCD Viewfinder
- 10x Variable power zoom lens

$749.95

NEW! FX420 ..... CALL
NEW! FX620 ..... CALL
NEW! FX520 ..... CALL
NEW! VX3 ..... CALL

## RCA

883HB

**Hi Band 8mm Camcorder**
- Image stabilizer
- 64x digital zoom

NEW LOW PRICE!

PRO 867 ..... CALL
PRO 870 ..... CALL
PRO 883 ..... CALL
CC507 ..... CALL
CC187 ..... CALL

**PRO 860 OUTFIT**
8x1 ZOOM • PALM SIZE • 2 LUX
B/I TITLER • 1/10,000 SHUTTER
EXTRA BATTERY • TRIPOD
HARD CASE • FILTER KIT
$599.95

## SHARP

**VIEW-CAM 8mm Camcorder with 3" Color Monitor**
- Flexible 3" color viewfinder allows for great shooting without holding camera to your eyes

$849.95

VL-HX10U
(4" LCD - Hi-Band 8mm) ..... CALL
VLMX6U ..... $629.95
VLMX7U ..... $699.95
SLIMCAM BATTERY ..... $49.95

## Canon

UC-S5

CALL!

**Hi-Band 8mm Camcorder**
w/SHAKE ABSORBER™ Optical Image Stabilizer
- 24x digital zoom lens w/12x optical zoom
- Hifi stereo w/zoom microphone
- 16x9 wide screen mode

E-520

**8mm Camcorder**
w/ 10x power AF zoom lens
- Full wireless remote
- Quick response Canon infra-red Autofocus

CALL!

L-1

**Hi-8mm Camcorder**
w/ VL-Mount 15x power zoom lens
- VL Mount for interchangeable lenses
- Digital special effects including freeze, close-up, overlap & more

CALL!

**Canon Lenses & Accessories**

ON SALE / IN STOCK!

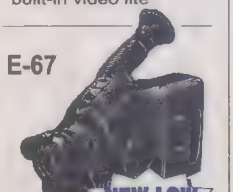
## Canon

E-700

NEW LOW PRICE!

**8mm Camcorder**
w/Optical Image Stabilizer
- 12x power zoom lens
- 0 Lux with built-in video lite

E-67



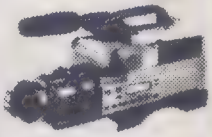
NEW LOW PRICE!

**8mm Camcorder**
w/10x power zoom lens
- AFM hifi stereo sound
- Quick response infra-red AF
- Interchangeable graphics chips

UCS-3 ..... CALL
UCS-2 ..... CALL
UCS-1 ..... CALL
A1 DIGITAL ..... CALL
UC-1 COLOR ..... CALL
E65 ..... CALL
E250 ..... CALL
E350 ..... CALL
UC-20 ..... CALL
H850 ..... CALL
UC-1 ..... CALL
L 1 ..... CALL

## Panasonic

AG-455 PRO LINE



**2-Hour S-VHS Camcorder**
- High quality digital special effects including:
  - Wipes • Tracers • Stills
  - Strobes • Zooms • Mixes
- Hifi stereo recording
- 12:1 power zoom lens
- Up to 1/8,000 sec. high speed shutter

CALL!

AG-1970

**Super-VHS Hi-Fi VCR**
- Amorphous video heads
- Built-in digital time base corrector
- Jog shuttle dial

AG-3 ..... CALL
AG195 ..... CALL
AG460 ..... $2349.95
AG1270 ..... $289.95
AG2520 ..... $419.59
AG1740 ..... $399.95
NEW! PV43 .. $899.95
IQ203 ..... $599.95
IQ303 ..... $649.95
IQ403 ..... $699.95
IQ503 ..... $799.95
PV800 ..... $629.95
PV810 ..... $649.95
PV760 ..... $899.95
PVs770 ..... $1129.95

# VIDEO ACCESSORIES

## VIDEO LIGHTS

SUNPAK
CV-20S Auto ..... $59.95
CV 300 Auto ..... $89.95
Ready Lite 10 ..... $47.95
Ready Lite 20 ..... $33.95
AMBICO
SOLIDEX

## TRIPODS

SLIK®
Velbon
COAST
bogen

## BAGS

COAST
Lowe Pro
tamrac
DOMKE

## VIDEO EDITING

VIDEONICS
DIGITAL VIDEO MIXER
- Four input switcher
- Frame sync with Dual TBC
- Digital special effects generator

NEW!

#MX-1 CALL!

OTHER VIDEONICS ACCESSORIES

TITLEMAKER ..... $339
EDITMAKER ..... $449
GRAPHICS EQUALIZER .... $229
THUMBS UP ..... $159
BOING BOX ..... $119
GRAPHIC LIBRARY ..... $39

## VIDEO LENSES

ΣSIGMA
VF-1 0.45X Fisheye $67.95
V18 1.8X AF Tele ... $79.95
VT-3 3X Telephoto .. $99.95
VT-5 5X Telephoto $154.95
VWL 0.5X Wide ..... $49.95
VTL 1.5X Telephoto $49.95
V2-2 1.8X/4X Zoom $175.95

Vivitar
0.5X Telephoto ..... $49.95
1.5X Telephoto ..... $69.95
2X Telephoto ..... $79.95
2.55X Telephoto ..... $89.95
3X Telephoto ..... $149.95
3.55X Telephoto ..... $179.95
WIDE/TELE SET ..... $69.95

## VIDEO MICS

RCA
WMS-003
Wireless
Microphone $39.95

AZDEN
WMS Pro ..... $129.95
ECZ 990 ..... $49.95
HS-7V ..... $19.95

AMBICO
VIDEO TITLE WRITER
V-6350 ..... $169.95
V-6300 ..... $239.95
V-0901 ..... $49.95
8MM WINDER ..... $29.94
VHS-C WINDER ..... $24.95

SIMA
EDIT 4 ..... $199.95
EDIT 3 ..... $139.95
EDIT 2 ..... $69.95
EDIT 1 ..... $49.95
SPM1 ..... $24.95
SPM2 ..... $29.95
SPM3 ..... $49.95
SPM4 ..... $69.95

## Hi Band 8mm VCR

SONY
Hi 8mm Video Recorder
- Dual mode jog shuttle
- Hi band 8mm delivers 400 line resolution
- Multi function remote control

Hi-Band 8mm

#EV-C100 $499.95

## 8mm Hifi VCR

RCA
8mm Hifi VCR w/VCR plus programmer

#VR800HF $369.95

SHARP
Newton Expert Pad
- Includes 640K RAM that is expandable with credit card size Memory Cards

$699.95

WRITE IN FOR YOUR FREE CATALOG
GIFT CERTIFICATES AVAILABLE
WE ACCEPT C.O.D.

## 14 DAY SATISFACTION GUARANTEE!

Exchange/Refund less shipping charge. No returns accepted without return authorization. Call 201-742-5777 for authorization.
Returns must be in mint condition with original packing and blank warranty cards.

NJ RESIDENTS ADD 6% SALES TAX. ALL ITEMS INCLUDE USA OR INTL. WARRANTY.
NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS. MAIL ORDERS ADD EST. SHIPPING/HANDLING CHARGE MIN. $7.95
Circle 36 on Reader Service Card.

VISA DISCOVER

MAIL ORDERS TO:
GARDEN STATE CAMERA
131 KULLER ROAD
CLIFTON, NJ 07011

HOURS: MON-THURS 9-6
FRI 9-1:30 SAT CLOSED SUN 10-4
FOR ORDERS AND INFORMATION
CALL
1-212-967-5900

29 WEST 35TH STREET, N.Y., N.Y 10001
BET 5TH AND 6TH AVENUE

# SMILE PHOTO

We have the best selection of Extended Warranty From 24.95 & Up

## PANASONIC

CAMCORDERS
PV-800 ....569.95 PV-IQ203 ....549.95
PV-810 ....599.95 PV-IQ303 ....599.95
PV-760 ....869.00 PV-IQ403 ....659.95
PV-S770 ....1089.00 PV-IQ503 ....719.95
PV-53 ....929.95 PV-332 ....579.95
PV-43 ....849.95 PV-362 ....699.95
PV-S63 ....1079.00 PV-S372 ....899.95

VCR's
PV-2301 ....184.95 PV-S 4280 ....599.00
PV-4301 ....209.00 PV-S 4990 ....949.00
PV-4311 ....219.00 PV-4962 ....389.00
PV-4314 ....259.95 PV-4860 ....299.00
PV-4351 ....269.00 PV-4970 ....419.95
PV-4361 ....329.00 PV-CC50 ....249.00
PV-4362 ....349.00 LX-900 ....599.00
PV-S 4380 ....699.95 LX-K700 ....579.00
PV-S4366 ....449.95 LX-200 ....429.00
PV-S 4266 ....389.00 LX-1000 ....599.00
PV-VP1 Video Printer ....784.00

## PANASONIC PROFESSIONAL

CAMCORDERS
AG-195 ....999.95 AG-455 ....1549.95
AG-186 ....709.95 AG-460 ....2399.00
AG-3 ....2299.95
WV-F250 Doockable Package ....CALL

VCR's
AG-1270 ....219.95 AG-5700 ....1229.00
AG-1740 ....295.00 AG-W1 ....1649.00
AG-1970 ....CALL WJ-MX30 ....2299.95
AG-2520 ....369.00 WJ-MX50 ....3949.95
WJAVE-3 ....399.95 WJ-AVE5 ....1159.00
WJ-KB50 ....459.95 AG-A95 ....244.95
WV-KB15A ....259.95 AG-A96 ....379.95
WJ-TTL5 ....239.95 VW-CG5 ....229.95
AG-EP60 Video Printer ....949.00

S-VHS VCR'S
AG-7150 ....CALL AG-7400 ....CALL
AG-7350 ....CALL AG-7650 ....CALL
AG-7355 ....CALL AG-7750 ....CALL

MONITOR/VCR COMBO
AG-505 5" ....989.00 AG-550 10" ....729.00
AG-513 13" ....399.95 AG-560 10" ....789.00
AG-520 20" ....429.95

MONITORS
CT-1030M ....299.00 CT-2083VY ....379.95
CT-1331Y ....399.00 CT-1383VY ....299.00
CT-1383Y ....254.95 CT-2583Y ....469.95
CT-2083Y ....339.00 CT-2583VY ....529.95
CT 2000M 19" Multi System ....899.00

## VIDEO PROJECTORS

PT-10L LCD Video Projector ....699.95
PT-101Y S-VHS Video Projector ....CALL
PT-301Y S-VHS up to 300" Screen ....CALL

## SONY

CAMCORDERS
VX3 Hi-8 3 Chip ....2799.95
TR21 (New) ....599.95 TR61 ....679.00
TR65 ....749.95 TR91 ....949.95
TR101 ....1169.00 TR200 ....899.95
TR500 ....1269.95 FX420 ....599.00
FX520 ....649.00 FX710 ....859.95
FX620 ....719.95 SC5 ....744.95

VCR's
SLV-400 ....239.00 EVS-900 ....1499.00
SLV-700 ....339.00 EVA-50 ....349.00
SLV-750 ....389.00 GV-M20 ....559.00
SLV-900 ....419.00 EVC-40 ....325.00
New EVC-100 449.95 EV-DT1 ....709.00
EVS-2000 ....779.00 EV-DT2 ....739.00
EVS-3000 ....CALL SL-HF360 ....349.95
New SLVR-1000 899.95 GV-S50 ....749.00
SL-S600 ....269.00 SL-HF 2100 ....1269.00
RME-300 ....489.95 RME-700 ....629.95
XV-C 900 ....699.00 XV-C700 ....249.95
DC-P77 Car Cord for Sony Camc. ....74.95
DC-S10 Car Charger and Adaptor ....99.95
HVL-20DX Light for Camcorder ....92.95
AC-S10 Charger/Reconditioner ....109.95
BE-V8 8MM Rewinder/Eraser ....139.95
GP-TRX Pistol Grip ....84.95
RM-155K Wireless Remote ....99.95
RM-95 Wired Remote ....89.95
SPK-TRX2 ....149.95 SPK-FX1 ....124.95
SPK-TRA ....CALL SPK-TR3 ....CALL
ACV-55N One Hr. Batt. Charger ....159.95
AA Battery Pack ....19.95
XV-M30 Color Monitor ....379.95
New Car Cord for V-5000 ....64.95
NP-11 ....44.95 NP-4000 ....259.95
NP-22 ....29.95 NP-77HD ....69.95
NP-22H ....44.95 NP-80 ....59.95
NP-55H ....39.95 NP-80D ....74.95
NP-60D ....CALL NP-500 ....49.95

## JVC

CAMCORDERS
GR-M3U ....529.00 GR-AX35 ....569.95
GR-M7 Pro ....749.00 GR-AX55 ....644.95
GR-AX25 ....577.95 GR-AW1 ....CALL
GR SX-90U ....799.95 GR S-505U ....CALL
New! GRAX-75U ....879.95
GRS-Z1U ....1249.95

VCR's
HR-J200U ....184.95 HR-VP700U ....379.95
HR-J400U ....204.95 HR-S4900U ....CALL
HR-J600U ....279.95 HR-S6900U ....589.95
HR-VP404U ....219.95 HR-DX40U ....219.95
HR-VP604U ....304.95 HR-S4700U ....439.95
HR-VP606 ....339.95 HR-S 6800 ....519.95

## FUJI

H-128SW ....879.95 F-122SW ....649.95
F-120SW ....499.95 G-101 Act. Grip 54.95
P-701 LCD Projector ....499.95
P-40U Video Projector ....299.00
P-401 ....339.95 HP-A1 ....CALL
TR-1 Mini Tripod ....19.95
Spare Bulb f/P-701 ....29.95
Spare Bulb/P-40U/P401 ....24.95

## MITSUBISHI

HSU-58 ....399.00 HSU-82 ....849.95
HSU-59 ....479.00 HSU-56P ....359.95
HSU-69 ....629.00 HSU-28 ....239.00
HSU-38 ....279.00 HSU-48 ....354.95

## RCA

VHS
CC-285 ....BELOW CC-320 ....COST
CC-412 ....559.95 CC-540 ....CALL
8MM
PRO-808 ....474.95 PRO-930 ....719.95
PRO-830 ....539.95 PRO 883 (Hi Band) 839.95
PRO-840 ....599.95 PRO-865 ....CALL
VHS C
CC174- ....559.95 CC-178 ....569.95
CC-188 ....629.95
VCR'S
VR-501 ....189.95 VR-537 ....234.95
VR-505 ....219.95 VR-601 HF ....254.95
VR-506 ....199.95 VR-658 HF ....269.95
VR-515 ....219.95 VR-664 HF ....299.95
VR-521 ....224.95 VR-667 HF ....304.95
VR-526 ....226.95 VR-720 HF ....444.95
VR-800 HF ....360.95

## RCA ACCESSORIES

VCC-1000 Color Corrector ....244.95
WHP-101 Cordless Headphone ....114.95
AC031 Deluxe Video Tripod ....69.95
AC028 Soft Camcorder Case ....49.95
AV096 Extended Play Batt. ....39.95
AVS010 Syncro Edit Cable ....34.95
CRM020 Remote Control ....25.95
CRF020 RF Adapter ....39.95
VTU090 Character Gen. ....99.955
LX 153 1.5x tele ....74.95
WM003 Wireless Mike ....79.95

## MINOLTA

Truvision Projector MTP-101 ....849.95
Pro 8-918 Hi-8 2 Chip ....1199.95
8-808 ....729.95 V-10R ....499.95
8-418 ....629.00 8-438 ....599.00
8-848 ....899.95 C-560 ....699.95
C-550 ....619.95 8-378 ....729.95
8-778 ....889.95

## MINOLTA ACCESSORIES

1.5X Tele f/8-918 ....189.00
0.65X Wide f/8-918 ....189.00
BA-8000S Car batt. Adapter ....69.95
B8-8000 Charger Base ....49.95
VCG-IU Character Generator ....99.95
VFT-1 Film Transfer Adapter ....119.95
VIC-1 Input Cord ....24.95
VIC-2 Av Input Cord ....24.95
VIC-3 Stereo Input Cord ....29.95
VOC-3 Stereo Output Cord ....29.95
VDC-160 Dubbing Cord ....34.95
RC-100 Remote Control ....19.95
VRC-2 Remote Control ....26.95
DM-1 Uni Direct Mike ....39.95
DM-2 Super Direct Mike ....82.95
VRJ-1 Rain Jacket ....44.95
VRJ-406 Rain Jacket ....59.95
VLT-1 1.5x Tele Conv. ....89.95
VLW-1 0.7x Wide Conv. ....74.95
VLL-100U Color Enhanc. Light ....49.95
VBP-160 One Hr. Batt. ....49.95
VBP-161 Two Hr. Batt. ....59.95
Minolta Car Cords ....54.95

## GO VIDEO

DUAL DECK VCR
GV-2020 Visions 489.95 GV-2030 Mirage 509.95
GV-3030 Mirage ....519.95
GV-3060 Visions ....699.95
CRP-02 Cable Ready Plus ....79.95
PM-01 Palm Mate Remote ....39.95

## QUASAR

CAMCORDER'S
VM-100 ....589.95 VM-535 ....689.95
VM-525 ....799.95 VM-539 ....909.95
VM-737 ....609.95
VCR'S
VH-230 ....189.95 VH-434 ....254.95
VH-430 ....209.95 VH-435 ....279.95

## KODAK PHOTO CD SYSTEM

PCD-250 ....149.00 PCD-5850 ....299.95
PCD-850 ....199.00 PCD-M50 ....299.95
ACCESSORIES FOR KODAK PCD M-50
Kodak Pouch ....24.95 Modulator ....29.95
MAILERS
DT-24 ....17.29 DT-36 ....25.99
DPT-24 ....24.99 DPT-36 ....36.99
PKT-24 ....19.49 PKT-36 ....29.49

## SHARP

VL-HL 1000 View Cam ....1519.95
VLL-390 ....579.95 VLL-63 ....549.00
Slimcam Batt. ....49.95 VLL-175 ....549.00
VLL-N1U ....579.00 BT-22 ....49.95
VLL-E30 ....784.95 BT-80 ....84.95
SHARP VCR'S
VC-5250 ....162.95 VC-503 ....183.95
VCH-903 ....264.95

## FISHER

FVC10 ....479.95

## HITACHI

CAMCORDERS
VMH-57 ....829.95
VM-S8200 ....1029.00 VM-1600 ....579.95
VM-SP1A ....939.00 VM-2600 ....619.95
VM-H38 ....879.95 VM-53 A ....599.95
VM-H39 ....1049.95 VM-55 A ....699.95
VCR's
VT-171 ....179.95 VT-270 ....204.95
VT-272 ....219.95 VT-370 ....264.95
VT-372 ....289.95 VT-462 ....319.95
VT-551 ....359.95 VT-772 ....CALL
VT-251 ....219.95 Special

## RICOH

R-17C ....899.95
R-18H ....1099.95 R-831 ....549.00
R-16 ....699.95 NP-99 ....29.95

## NIKON

Nikon Credit Card — Ask Application
VN-750 ....CALL VN-320 ....CALL
VN-840 ....629.95 VN-720 ....CALL
New VN-340 ....CALL New VN-550 ....CALL
5 Year Warranty ....NO CHARGE

## TOSHIBA

M-222 ....169.00 M-649 ....289.00
M-249 ....189.00 M-759 ....349.00
M-449 ....219.95 M-659 ....309.00
M-459 ....229.00

## KYOCERA/YASHICA

KX-V1 ....869.95 KD-M 730 ....449.95
KX-35 ....CALL KX-95 ....699.95

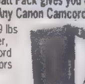
## CANON

We Accept The Canon Credit Card
A-1 Digital ....1149.00 H-460 ....799.95
E-808 ....699.95 H-850 ....649.00
E-520 ....599.00 UC-S2 ....749.95
E-67 ....649.95 UC-S3 ....949.95
E-210 ....499.00 NEW! UC-S5 ....CALL
NEW! E-350 ....649.95 NEW! E700 ....CALL

L-1 Hi-Band Kit ....CALL
CL 10-100MM 10x Lens ....2399.95
CL-250F4 Reflex ....549.95
CL5-15 Wide Angle Zoom Lens ....529.95
CL8-120 Zoom Lens 15X ....499.95
CL8.7-69.6 Zoom Lens 8X ....299.95
EOS Adapter VL ....264.95
CL-2X Extender ....264.95
FS-72U Filter Set ....99.95
EWA Marine Underwater Bag ....279.00
RS-1000 Rain Shield ....44.95
HC-1000 Hard Case ....249.95

## CANON ACCESSORIES

10,000 MAH Batt Pack gives you up to 7 hours on Any Canon Camcorder



- Weighs only 3.9 lbs
- Includes charger, and conecting cord
- No other adaptors needed.

74.95

ED-100 Video Editor ....189.95
WL-50 ....49.95 ZR-100 ....54.95
CU-E2 ....64.95 SF-200 ....38.95

BATTERIES
BP-E77K ....39.95 BP-E22 ....59.95
BP-E718 ....59.95 BP-10A ....49.95
BP-E722 ....64.95 BP-30A ....49.95
BP-E4 ....59.95 BP-100 ....59.95
BP-E722D w/LED Display ....89.95

POWER ADAPTERS
CA-100 ....69.95 CA-E2 ....89.95
CA-200 ....69.95 CA-E7 ....97.95

CAR BATTERY ADAPTERS
CB-110 ....64.95 CB-E2 ....74.95
CB-E7 ....67.95 CB-E1 ....69.95

CHARGE COUPLERS
DC-100 ....24.95 BC-E1 ....39.95
DC-200 ....24.95 BC-E2 ....49.95
CR-E7K ....54.95 BC-E3 ....54.95
PB-100 Portable Charger ....64.95
MC-100 Multi Charger ....134.95

VIDEO LIGHTS
VL-7 ....14.95 VL-20 ....49.95

MICROPHONES
ZM-100 ....129.95 DM-300 ....84.95
MM-200 ....124.95 MM-100 ....89.95

### LENSES/FILTERS

TL-37 ....57.95 WA-37 ....49.95
TL-46 ....74.95 FS-37U ....49.95
TL-55 ....79.95 FS-37 ....44.95
TL-55L3X ....244.95 FS-46U ....49.95
WD-37 ....54.95 FS-46 ....48.50
WD-46 ....82.95 FS-55U ....64.95
WD-55 ....84.95 FS-55 ....64.95

### HARD CARRYING CASES

HC-A2 ....129.95 HC-E708 ....119.95
HC-800 ....79.95 HC-E80 ....79.95
HC-60 ....74.95 HC-A1 ....129.95
HC-U1 ....104.95 HC-E400 ....79.95
HC-U2 ....109.95 HC-600 ....79.95
HC-9 ....79.95 HC-8 ....79.95
HC-E7 ....79.95 HC-1000 ....249.95

### SOFT CASES

SC-U1 ....59.95 SC-E708 ....64.95
SC-800 ....59.95 SC-E7 ....59.95
SC-6 ....59.95
SJ-U1 Soft Video Jacket ....49.95
VK-U1 Video Back Pack ....94.95
SK-U1 Sports Pack ....169.95

### RAIN SHIELDS

RS-A2 ....34.95 RS-300 ....39.95
RS-800 ....34.95 RS-E7 ....34.95
RS-60 ....29.95 RS-E80 ....34.95
RS-U1 ....47.50 RS-E400 ....34.95
RS-U2 ....47.50 RS-AIM ....34.95
RS-U3 ....39.95 RS-6 ....34.95
RS-9 ....34.95 RS-30 ....32.50

## XAP SHOT

RC-570 Still Video Camera ....2299.00
RC-360 Still Video Camera ....1099.00
RP-420 Video Printer ....CALL
Batt. Chrgr ....99.95 Action Set ....64.95
Batt. Pack ....29.95 System Bag ....69.95
AC. Coupler ....32.95 RF Unit RF301 ....64.95
Floppy Disk ....7.50

## LCD PROJECTORS

SHARP LCD PROJECTOR
XV-120ZUA LCD Projector ....2150.00
XV-101TUWL LCD Projector ....2899.00
XV-250 LCD Projector ....4850.00
XVH-30U LCD Projector ....3139.00
XVP-10U Compact LCD Projector ....1649.00
XS-100SP 100" Screen ....189.95
XS-100HT 100" Screen ....319.00
XS-100EMW 100" Motorized Screen ....749.00
XS-80SP 80" Screen ....119.00
XS-80HT 80" Screen ....229.00
XS-80EMW 80" Motorized Screen ....659.00
XC-100LV Controller w/Remote ....289.00
AN-LM102 Ceiling Mount Bracket ....189.00
AN-30EZ Motorized Zoom Lens ....1129.00
XP-100LM Projector Stand ....479.00

### Navitar Lenses For Sharp Vision

217F 3.5 ....599.00 315F 5.3 ....599.00
252F 4.0 ....599.00 402F 6.8 ....699.00
APOLLO

ShowPro Portable LCD Video Projector
Project a bright, clear, true-color picture from 20" up to a giant 120" diagonal on any screen or blank wall.
AVP-300 ....894.95 AVP-400 ....1194.95
Zoom Lens ....289.00 Spare Bulb ....19.95
MP-1900 Lazer Pointer ....99.95
Sanyo PLC-200N w/140 Channel VHF-UHF Tuner ....3599.95
Telex 3000V ....CALL

## PAL VIDEO
## SONY PAL

CCD-FX270 ....559.95 CCD-TR303 ....679.95
CCD-VX1 ....2599.00 CCD-TR805 ....1199.95
CCD-TR8E ....909.95 CCDV-600 ....959.95
CCD-FX 700 ....979.95 CCD-TR333 ....779.95
CCD-TR323 ....759.95 GV-S50 ....1049.95
Call About Our New Models

### SONY VCR's

SLV-X710 ....464.95
EVC-3 ....499.95 SLV-X37 ....299.00
SL-VX57 ....329.95 SLV-X800 ....CALL

### RICOH PAL

R-15 ....849.95 R-18H ....1149.95

## PANASONIC PAL

NV-M3000 ....929.00 NV-S8 ....889.95
NV-MS600 ....799.95 NV-M9000 ....1229.00
NV-G303B ....699.00 NV-MS700 ....919.95
NV-G1020 ....579.95 NV-S250 ....669.95
NV-CS1 ....529.95 MV-S9- ....939.95

### VCR's

NV-J22 ....339.95
NV-SD25 ....379.95 NV-J700 ....469.95

### PANASONIC PRO. PAL

AG-455 ....1589.00 AG-7350 ....2529.00
WJ-AVE 5 ....949.00 AG-500 ....925.00
WJ-MX50 ....3899.00 AG-7450 ....2299.95
AGW-1 ....1449.00 WV-F250 ....5739.00

## CANON

RC-260 Still Video Camera ....399.95
EX-1 ....2299.00 A-2 ....1699.00
EX-850 ....789.00 UC-30 ....999.95
E-600 ....929.00 UC-16 ....959.00
E-200 ....639.00 UC-15 ....859.00
E-110E ....729.95

## AKAI PAL

VS-P110 EM ....149.95 VS-F490 ....299.95
VS-F497 EOH 339.95 VS-F410 EM ....289.00
VS-F260 EM ....229.00 VS-X400 ....299.95
VS-F440 ....254.00 VS-X470 ....359.95
VS-X560 Multi-Sys. Hi-Fi Stereo ....439.95

## AIWA PAL

MULTI SYSTEM CONVERTER
HV-M110 ....349.00 HV-MG360 ....439.95
HV-MG-330 ....349.[illegible]

## JVC PAL

CAMCORDERS
GR-M31 EG ....639.95 GR-AX36 EG ....CALL
GR-M3 EG ....619.95 GR-65 EG ....619.95
GR-M51 EG ....674.95 GR-S70 ....899.95
GR-AX35 EG ....719.95 GR-SX97 EG ....899.95

VCR's
HRD-X20 EM ....249.95 HRD-721 EN ....359.95
HRD-651 ....369.95 HRD-637 MS ....449.95
HRD-671 M ....399.95 HRD-667 MS ....419.95
HR-P27 A ....199.95

## MULTI-SYSTEM TV

JVC
C-14 MV 14" 21 System TV/Monitor ....299.00
C-21MV 21" 21 System TV/Monitor ....399.00

SONY
KV-1485 ....319.95 KV-2584 ....679.95
KV-1684 ....419.95 KV-2565 ....739.95
KV-2185 ....499.95 KV-2964 ....999.95
KV-2165 ....639.95 KV-3400 ....2849.95
KV-5300 ....6199.95

## PAL ACCESSORIES

Ambico V0300 Spec FX Gen ....299.95
Videonics DirectED Plus ....529.95
Videonics Equalizer ....369.00
Videonics Titlemaker ....469.95
Ambico V0629 Enhanc/Mixer ....54.95
Ambico V0808 6.5 Amp Batt Belt ....54.95
Ambico V0870 20 Watt Light ....54.95
20 Watt Light w/Sony NP-66 ....59.95
300 Watt AC/200 Volt ....44.95
**Citizen M-329 PAL** ....139.95
SD-2000 Universal Transcoder
Transfer NTSC ■ Pal M or N ....69.95
Sima Edit 3 Pal ....139.95
Sony XV-Z10000E ....CALL

## SLIK TRIPODS

503-QF ....54.95 333 ....64.95
523-QF ....69.95 444 ....71.95
504-QF ....69.95 M-410 ....139.95
505-QF ....118.95 S-610 ....199.95
506-QF ....139.95 M322 ....119.95
510-VF ....29.95 EZ-POD ....39.95
511-QF ....34.95 EZ-HOLD ....42.95
512-QF ....49.95 U-212 ....64.50
112AF ....79.95 U-112 ....44.95
322AF ....139.95 U-100 ....34.95
333 AF ....CALL 333 AF ....129.95
Video V-700 Dolly ....54.95
722 Flow Motion Video Head ....59.95

## REMOTES

### FOX

Fox-400 ....24.95 Fox-600 ....39.95
Fox-800 ....49.95

### GEMINI

Q40 (4 Component Big Button Remote ....20.95
Easy 3 (3 Component Basic Remote) ....21.95
SM9 (3 Component Full Function Remote) ....27.95
SM15 (4 Component Full Function Learning Remote) ....34.95

### ONE FOR ALL

3 ....29.95 4 ....39.95
3 Big Easy ....29.95 6 ....54.95
8 ....59.95 12 ....74.95

## MEMOREX REMOTES

AV-4 ....29.95 AV-8 Turbo ....54.95

### JVC RMS1

- Touch-sensitive LCD panel • Screen menus for 11 program sources (2 VCR's, 1 videodisc player, 1 TV, 1 CD player, 1 DAT, 1 tape deck, 1 tuner, 1 turntable, 1 auxiliary component, 1 utility unit), plus amplifier or receiver • Adaptable variable-length coding system • Two modes of display: JVC standard with 10 menus and programmable with 18

149.95

## SUNPAK

CV-20S Auto
69.95

Ready Zoom CZ-200 Auto ....54.95
CV-300 Auto ....79.95 BATTERIES
Ready Lite 10 ....34.95 CL-5 ....39.95
Ready Lite 20 ....33.50 CL-6 ....29.95
CV-150 ....39.95 CL-7 ....29.95
CV-200 ....44.95 CL-8 ....29.95
CV-300 ....49.95 CL-10 ....19.95
CV-320 ....44.95 RB-55 ....29.95
CV-20S ....49.95 RB-77 ....29.95
CZ-200 ....42.95 RB-77S ....39.95
Spare Bulb ....19.95

SUNPAK MEMORY-FREE™ NICD RECHARGEABLE CAMCORDER BATTERIES
For the first time, get total peace of mind from your camcorder battery. Charge it any time, whether you use it for 2 hours or only 10 minutes and don't worry about "memory" because these NiCd batteries are truly Memory-Free™
The 3 stage LED display lets you check battery capacity at any time. By a simple push of the button you see exactly how much power remains in the battery! With 2700 mAh of capacity, you can get 21/2 times more running time than original camcorder batteries.
Works on your Sony, Panasonic, JVC and equivalent compact camcorder. Comes with a LIFETIME WARRANTY.
RB-77H ....(For Sony) ....42.95
RB-80UL with LED ....69.95
RB-80U without LED ....49.95

AP-200W AUTO PAN/TILT HEAD
This unique hi-tech automatic panning device allows hands-free control during video recording. Responds to Infra-red remote control signals (left, right, up and down), or can be set for continuous operation. Powered by Sony, Panasonic, or JVC 6 volt camcorder batteries (not included). Remote controller activates zoom and record/pause ■ Sony, Hitach, JVC and Canon camcorders and equivalent models. And for those times when you cannot be ■ front of the camcorder, order the optional 20" Remote Sensor Cord.
AP-200W ....149.95
"AA" Batterie Holder ....19.95
APT-1000 ....174.95

## SMITH VICTOR

Q-250 SG 250 Watt AC light ....39.95
100w 12v light ) Power Pack ....99.95
M-150 150w light ....39.95
100w DC light ....39.95
M-75 AC\DC Light ....149.95
K-102 Light Kit ....139.95

## COOL-LUX

No. 1 in Video Light
U30001 Tri-Lite ....139.95
LK-2000 Mini-Cool Standard ....64.95
LK-2050 Mini-Cool AC-DC ....74.95
LK-2060 Pro-Pak 2000 ....149.95
LK-3000 PRo Sumer Kit ....249.00
LK-2250 Color Kit No. 2 ....369.00
LK-2300 Cool Kit No. 3 ....369.00
LK-2100 Micro-Lux ....39.95
LK-2150 Micro II ....64.95
LK-3100 Studio Kit ....424.95
LK-2500 Cam-Pak ....69.95
LK-2350 Star Pak ....599.95

## OLYMPIC BATTERY PACKS

BC-3100 13 amp. BELT ....209.00
BC-3200 20 amp. BELT ....239.00
BC-3600 Fast Charger ....159.95
BC-3010 L 1.9 Batt. Pack ....44.95
BC-3050 6.5 amp. PACK ....64.95
BC-3020 2.3 amph ....59.95
BC-3000 N-2.5 Battery Pack ....69.96
AX-1400 L-1.4 Battery ....44.95
DC-3600 LCD Charger\Discharger ....109.95

## AMBICO LIGHTS

V-0855-30 Watt AC\DC ....59.95
V-0853 Battery F\0855 ....44.95
V-0865-30 W. AC\DC Same Bulb ....34.95
V-0880-20 W. Cordless WNP-66 ....54.95
V-0882-10\20\30 Watt. WNP-66 ....59.95
V-0887-Microlite F\TR-4\6\7 ....44.95
V-0804 AC\DC. W\5 Amp.
Hr. Batt. Pack ....64.95
V-0808 6.5 Amp. Battery Belt ....49.95

## ELMO FILM TRANSFER

TRV-16G ....3150.00 TRV-35G ....2149.00
VMX-4 Mixr ....449.00 Film Cleaner ....99.95
16-CLTC, 16 MM Tele-Cine Projector 1599.00

## BOGEN

3118 ....259.95 3131 ....209.95
3120 ....169.95 3132 ....164.95
3122 ....111.79 3135 ....219.95
3123 ....129.95 3140 ....204.95
3124 ....107.95 3142 ....214.95
3125 ....124.95 3150 ....249.95
3191 ....319.40 3170 ....91.95
3156 Dolly ....109.95 3194 ....549.95
3145 Caddy ....27.95 3127 Dolly ....69.95
3126 Head ....44.95 3155 Spreader 18.95
3137 Dolly ....79.95 3063 Head ....89.95
3060 ....352.95 3146 Apron ....18.95
3065 ....409.95 3062 ....454.95
3161 ....129.95 3067 Dolly ....159.95
3169 ....99.95 3163 ....112.00
3175 ....99.95 3176 ....129.95
3177 ....134.95 3179 ....112.95
3411 ....39.95 3431 ....44.95
3144 Video Shoulder MT ....37.95
Video Monitor Holder ....34.95

## VELBON

Stratos 470 Top Rated ....64.95
Stratos 480 ....104.95 Stratos 460 Q ....52.95
Videomate I ....34.95 Videomate II ....44.95
Videomate III ....57.95 Videomate IV ....66.95
Videomate 400 24.95 Videomate 500 39.95
Videomate 600 49.95 Videomate 607 59.95
UP-4DX Unipod 29.95 MUP-4 Unipd ....64.95
SX-681K ....127.95 PX741K ....159.95
WX-881K ....226.95 PX781K ....169.95

## GEMINI VIDEO TRANSFER SYSTEM

CQ700 VIDEO TRANSFER SYSTEM
• Transfer your treasured memories from print, slide ore movie onto video for all to enjoy • Works with any Camcorder • Fluorescent illumination for brilliant color saturation • Transfers any print from wallet size to 4 x 6 • Built-In Macro Lens • Protective rubber lens cover • Precision optics for high quality images • Sturdy compact construction • Adjustable table stand. 49.95

## VIDEO LENSES VIVITAR

0.42 Super Wide Angle ....43.95
0.5 Wide Angle ....43.95
06/1.5x Reversible ....42.95
2x Telephoto ....47.95
3.5x Super Telephoto ....109.95
.55x Wide Angle ....39.95
1.5x Telephoto Lens ....39.95
0.6x/1.5 (for Sony TR or Equ) ....49.95

## TOKINA

VC-200 2X High-Band Telephoto ....79.95
VC-050 0.5X High Band Wide Angle ....79.95
VSC-18,Pro 1.8X Professional Tele. ....49.95
VSC-0714 1.4/0.7X Lens Set ....57.95
VC6515 0.65/1.5X Set F/37mm ....49.95
VTC-20, 2X Telephoto F/37-27mm ....34.95
VTC-05, 0.5X Wide F/37-27mm ....34.95
VSC-05, Pro 0.5X Professional ....49.95
VC-05 0.5X Wide ....39.95
VC-20 2X Telephoto ....39.95
VC-40 4X Telephoto ....CALL
VC-55 5.5X Telephoto ....194.50
VC-120 12X Telephoto ....469.95
VCZ-60, 2X/6X Zoom ....299.95
VCZ-50, 2.5X/5X Zoom ....229.95
NEW! VT-45 S Pro 0.4 Wide Angle ....38.95

## SIGMA

VF-1 0.45X Fisheye ....65.95
V18 1.8X AF Telephoto ....77.95
VT-3 3X Telephoto ....99.95
VT-5 5X Telephoto ....153.95
VWL 0.5X Wide ....47.95
VTL 1.5X Telephoto ....47.95
VW-P 0.6X Wide Professional ....62.95
VT-P 1.5X Tele Professional ....62.95
VZ-2 1.8X/4X Zoom ....174.95
0.5X/1.5X Lens Set Specify ....44.95

## AMBICO LENSES

V-0310 0.42X Fisheye ....39.95
V-0311 Close-Up/Wide View ....39.95
V-0314 Macro Lens ....16.95
V-0341 0.6 Deep w/Focus ....52.50
V-0362 1.5X/0.6X 2 in 1 37mm ....59.95
V-0365 Auto Flip 2 ■ 1 ....59.95
V-0355 5.5X Telephoto ....269.95
V-0372 0.6X/1.5X Zoom ....39.95
V-0380 12X Telephoto ....429.95
V-0382 2X Telephoto 37mm ....44.95
V-0383 3X Telephoto ....119.95
V-0385 1.5X/0.6X Lens Set 37mm ....49.95
V-3100 1.5X/0.5X Lens Set ....59.95
V-3200 0.5 Wide ....39.95
V-3300 1.5X Telephoto ....34.95
V-3500 3.5X Telephoto ....139.95
Telephoto Lens Holder ....39.95
V-0317 Special Effects Kit ....14.95
V-0319 Multi Effects Kit ....38.80
V-8319 Multi Effects Kit 37mm ....39.95

## RAYNOX LENSES

ST-2002 2X f/TR-101 ....48.95
ST-1001 Wide/Tele F/TR-101 ....59.95
XL-505 Wide Angle F/43 To 52 ....29.95
AF-1000 Tele/Wide f/37-27mm ....44.95
AF-2000 2X Telephoto 37mm ....36.95
AF-5000 0.5X Wide f/37-27mm ....42.95
AF-3000 3X Tele 37mm ....104.95
AF-1010 Tele/Wide Lens set ....38.95
GH-1000 Tele/Wide Kit 43MM ....54.95
QCSOS .5 Ultra Wide (37) ....28.95
TP-2000 2X Telephoto ....49.95
TP-2550 2.55X Telephoto ....58.95
TP-3550 3.55X Telephoto ....119.95
PRO-5050 0.5X Super Wide ....57.95
HD-747T 1.5X Telephoto ....44.95
HD-747W 0.7X Wide Angle ....54.95
HD-747T2 2X Telephoto ....64.95
Flip II 2 in 1 Wide/Tele ....34.95
Video Transfer 1500 ....48.95
RV-2000 3 in 1 Video Transfer ....104.95
SV-7000 PRO Slide to Video Transf. ....79.95

## AZDEN LENSES

1.5X/.5X ( F/37-36-27MM ....57.95
2X/.5X ( F/46-37MM ....48.95
TR-3037 4 in 1 Lens ....88.00
0.5X Wide Angle ....37.95
2X Telephoto ....42.95

## CAMCORDER SHOULDER REST

For Most Camcorder Models

## GLIDECAM

Glidecam is a lightweight, handheld consumer, camcorder stabilizing system which allows you to walk, run, and ■ up and down stairs, or over rugged terrain without any camera instability or shake ....109.95

CASSETTE REWINDER & FAST FORWARD
VHS-SOL 7000XT with digital Countera
$24.95
VHS One-Way Rewinder ....19.95

## KINDEX-2

All-Purpose video search/index device
Provides Hassle free access to programs/spots on VHS tapes. Just punch in required selection and Kindex2 locates the right program promptly.
Frees VCR from searching — saves wear and tear on VCR head.
Rewind and fast forward. Comes with photo sensors to prevent tape snapping/stretching.
99.95

## VIDEO CASES

Samsonite®
CAMCORDER CASE 49.95

## TAMRAC

970 ....CALL 976 ....CALL
972 ....CALL 978 ....CALL

## VIDEO TAPE ERASER

PF-211 Hand-Held Tape Eraser ....49.95

## VIDEO TAPES

TDK
T-30 HS ....2.59
T-60 HS ....2.79
T-120 HS ....1.99
T-160 HS ....2.69
L-750 HS Beta ....3.39
T-120 EHG ....2.49
T-160 EHG ....3.49
T-120 HiFi ....3.49
T-120 HDX-Pro ....5.99
ST-120 XP Pro ....6.69
ST-160 XP Pro ....9.44
TC-30 EHG ....3.49
STC-20 XP ....5.89
STC-30 XP ....7.35
P6-30 8mm ....2.79
P6-60 8mm ....2.89
P6-90 8mm ....3.49
P6-120 8mm ....3.19
P6-30 EHG ....3.09
P6-60 EHG ....3.89
P6-120 EHG ....4.29
HI-8 MP60 ....4.65
HI-8 MP90 ....5.29
HI-8 MP120 ....5.99
P6-120 HME ....10.99
P6-60 HME ....8.69
P6-150 HS ....5.20

MAXELL
T-120 GX ....2.09
T-160 GX ....2.99
T-60HGX/GLD ....3.09
T-120HGX/GLD ....2.75
T-160HGX/GLD ....3.89
T-120XL-HI FI ....3.39
ST-120XRS ....6.89
ST-160 ....8.69
ST-180 ....12.29
TC-20HGX/GLD ....3.29
TC-30HGX/GLD ....3.64
TC-20 Pro ....4.29
STC-30XRS ....7.59
P6-60 8mm ....2.99
P6-90 8mm ....3.59
P6-60 HGX 8mm 3.79
P6-90 HGX 8mm 4.29
P6-120 HGX 8mm ....4.49
HI-8-60 MP ....4.79
HI-8-90 MP ....5.19
HI-8-120 MP ....6.29

SPECIAL
P6-120 8mm ....3.29

3M BLACK WATCH
T-120 HG ....4.50
T-120 Hi-Pro ....8.00
T-120 Premium ....6.00
ST-120 S-VHS ....17.00
P6-120 8mm ....9.00
P6-120 Hi-8 ....17.00
P6-60 Hi-8 ....13.00
Head Cleaner ....15.00

SONY
L-500 ES ....2.69
L-500 Pro-X ....5.29
L-750 ES ....2.79
L-750 ES-HG ....3.79
T-120 ES ....2.19
T-120 ESHG ....2.55
T-120 Pro-X ....5.29
ST-120 S-VHS ....6.94
T-160 ES ....2.95
T-160 ESHG ....3.29
8mm 30 ....2.99
8mm 60 ....3.39
8mm 90 ....3.69
8mm 120 ....3.84
8mm 150 ....4.69
8mm 120 HG ....5.29
8MM 60 HG ....4.25
Hi8 MP60 ....5.29
Hi8 MP120 ....6.99
HI-8 120 ME ....10.85
HI-8 60 ME ....8.69

FUJI
T-60 HQ ....2.19
T-120 HQ ....2.29
T-160 HQ ....2.89
T-60 AV Pro ....2.69
T-120 AV Pro ....2.59
T-160 AV Pro ....3.59
TC-20 AV Pro ....3.29
TC-30 AV Pro ....3.55
T-120 AV Master 4.69
ST-30 S-VHS ....6.55
ST-60 S-VHS ....6.89
ST-120 S-VHS ....6.95
ST-160 S-VHS ....9.79
ST-C20 S-VHSC ....5.25
ST-C30 S-VHSC ....6.72
P6-30 8MM ....2.49
P6-60 8MM ....2.89
P6-120 8MM ....3.19
P6-30 HG 8MM ....2.85
P6-60 HG 8MM ....3.39
P6-120 HG 8MM 4.25
P6-60 HI-8MP ....4.35
P6-120 HI-8MP ....5.79

KONICA
T-120 ....2.89
T-120 SHG ....5.39
ST-120 ....6.69
8MM 120 ....4.99
8MM 90 ....4.49
8MM 60 ....3.99
TC-20 HG ....3.95
TC-30 HG ....5.49

SPECIAL OF THE MONTH
HQ TAPE P6-120 w/1 Pouch ....6.39

## PROFESSIONAL VIDEO TAPE

MAXELL BROADCAST
T-30 BQ ....4.99 ST-31 BQ ....6.29
T-60 BQ ....5.49 ST-62 BQ ....6.89
T-120 BQ ....5.99 ST-126 BQ ....7.49
ST-182 BQ ....14.79

FUJI H471-S PROFESSIONAL
ST-30 ....7.89
ST-60 ....8.69
ST-120 ....8.99

SONY PROFESSIONAL
MQST-30 S-VHS 8.49 P6-15MPF ....3.89
MQST-60 S-VHS 8.18 P6-30MPF ....4.09
MQST-120 S-VHS 8.58 P6-60MPF ....4.79
T-30PR VHS ....2.59 P6-90MPF ....5.59
T-60PR VHS ....2.79 P6-120MPF ....6.69
T-120PR VHS ....2.99 P6-30HMPX ....5.89
T-30PM VHS ....3.48 P6-60HMPX ....8.29
T-60PM VHS ....4.08 P6-120HMPX ....11.39
T-120PM VHS ....4.95 E6-30HMEX ....8.29
T-30BA VHS ....3.69 E6-60HMEX ....11.69
T-60BA VHS ....4.19 E6-120HMEX ....15.49
T-120BA VHS ....4.99 EL-250 ED Beta 13.29
EL-500 ED Beta ....18.29
**Sony BE-V8 8mm Rewinder/Eraser** ....139.95
VHS-Head Cleaner ....14.95
8mm-Head Cleaner ....14.95
VHS-C Cassette Adp ....29.95

8mm REWIND/ FAST FORWARD

w/Digital Counter ....37.95
VHS-C Rewinder ....24.95
8mm Rewinder AC/DC ....29.95

[illegible] & phone number with payment [illegible] Sales tax
Shipping, Handling & Insurance are additional. Prices [illegible] until next issue [illegible] old stock [illegible] may be additional. Returns accepted on most items within 10 days with prior aut[illegible] are subject to verification

29 WEST 35TH STREET, N.Y., N.Y 10001

# SMILE PHOTO

FOR ORDERS ONLY
CONTINENTAL USA AND CANADA
TOLL FREE
1-800-366-6993

VISA

**VIDEO EDITMAKER**

Videonics Video Edit-Maker is a full function video editor that does more than just edit (it contains a complete titler and a graphics and special effects generator as well. **439.95**
Faster, more accurate and easier to use than the Direct ED+. Now you can edit, scroll titles, add graphics and special effects. Features either IR or hardwire control (with Sony LANC equipped units). Turn that drab footage into a startling production

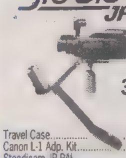
| | |
|---|---|
| ED-IT Maker Pal | 649.00 |
| PRO ED System 899.00 | Special |
| DirectED | 279.95 |
| Direct-ED Plus | 329.95 |
| Direct-ED Plus Pal | 499.95 |

| | | | |
|---|---|---|---|
| WHX-PRO | 159.95 | WR-2 Pro | 149.95 |
| WMS-PRO | 133.95 | WM/T-30 | 54.95 |
| WLX-PRO | 134.95 | ECZ-990 | 54.95 |
| WM/T-PRO | 109.95 | ECZ-770 | 52.50 |
| WL/T-PRO | 72.95 | ECZ-660 | 49.95 |
| WR-PRO | 72.95 | ECS-440 | 39.95 |
| WMS-200 | 82.95 | DMH-80S | 49.95 |
| WMS-100 | 79.95 | HS-7V | 16.95 |
| VIDIPAX | 34.95 | CAM-3 | 44.95 |
| TRANSFER-IT | | | 24.95 |

**JVC**

| | |
|---|---|
| MZ-350 Zoom Mic | 74.95 |
| MZ-707 Stereo Zoom Mic | 129.95 |

The revolution has arrived . . .
Cinema Products
STEADICAM JR



**374.95**

| | |
|---|---|
| Travel Case | 59.95 |
| Canon L-1 Adp. Kit | 69.95 |
| Steadicam JR PAL | 474.95 |

**BESCOR**

**POWER PACKS**

| | |
|---|---|
| 880 Power Pro + 12 Volt 10 AMP | 279.00 |
| 970 Power Max 12 Volt 14 AMP | 389.00 |

Available dual output configurations include cigarette lighter, 4-pin or 5-pin XLR in any configuration

| | |
|---|---|
| Callpack 12V, 10 AMP | 179.00 |
| Cellpack 12V, 14 AMP | 219.00 |
| Cellpack 13.2V, 14 AMP | 269.95 |
| Campak 12 Volt | 149.00 |
| Campak Pro 12 Volt 4 Pin XLR | 159.00 |
| Campak Pro 13.2 Volt 4 Pin XLR | 189.00 |

**ALL IN ONE CO-PRODUCER**

VIDEO TRANSFER SYSTEM, WITH BUILT IN STEREO SOUND MIXER.

Easily transfer home movies, slides, or photos up to 4" X 6" to video. Stereo Sound

**CALCULATORS**

HEWLETT PACKARD

| | | | |
|---|---|---|---|
| HP-10B | 29.95 | HP-95LX | 364.95 |
| HP-12C | 54.95 | HP-32SII | 46.95 |
| HP-14B | 54.95 | HP-48S | 109.95 |
| HP-17B | 64.50 | HP-42S | 79.95 |
| HP-19B | 109.95 | HP-48SX | 144.95 |
| HP-20S | 29.95 | HP-48G | 114.95 |
| HP-48GX | 234.95 | HP-100LX | 679.95 |
| Infrared Printer | | | 92.95 |
| Infared Printer Interface Module | | | 59.95 |
| Peripherals for 48SX | | | 79.95 |
| AC Adapter/Battery Charger | | | 19.95 |
| 32K/48 SX | 39.95 | 128K | 109.95 |
| 128K/95 LX | 119.95 | 512K | 229.95 |
| HP-95 LX 1 Megabyte | | | 499.95 |
| 1 Megabyte Ram Card for 95LX | | | 179.95 |
| Portable Disk Drive for 95LX | | | 249.95 |
| LX | | | 234.95 |

**STEREOS**

LKMAN
...499.95
only
...132.95
...179.95
...269.95
AM/FM Walkman
MFX-2041...64.95
MFX-41...59.95
MFX-42...64.95
MFX-45...66.95
MFX-2085...67.95
MFX-52...104.95
MGX-90...288.95

A
S-JS315...60.95
S-JS215...46.95
S-RX610...108.95
S-TX710...69.95
S-TX610...51.95
S-T55...52.95
S-PX1000...229.95

**MAN TVS**

D-555...129.95
D-250...94.95
DL-370...249.95
DL-380...274.95
DL-3500...299.95
...464.95

**D PLAYERS**

Y
220...129.95
T-24...159.95
T-223...137.95
125...109.95
202...154.95
122...139.95
421SP...219.95
822K...179.95
ar Cord...29.95
ass. Adp...24.95

**E RADIOS**

Y
F-7600DA...89.95
F-7600...163.95
F-SW30...84.95
F-SW33...137.95
F-SW800...99.00
F-SW55...294.95

**SYSTEMS**

P RATED
418...74.95
523...114.95
527...124.95
532...124.95
539...114.95
545...177.95
505...79.95
200...69.95
352...138.95
400...87.95
450...97.95
510...134.95
500...184.95
506...74.95
ew 9120...249.95
...289.95

RDLESS
PP-115...104.95
PP-X90...209.95
PP-170...129.95
PP-190...144.95
PP-320...184.95
PP-A40...134.95
PP-A60...149.95
PP-X30...147.95
...182.95

PHONES
D250...84.95
A205...81.95
A305...94.95
A505...114.95
A-555...119.95
A-4000...149.95
A-2500...164.95
M-1000...114.95

**ONIC**

PHONES
T 2260...54.95
T 2355...44.95
T 2365...54.95
T 2370...89.95
...58.50

PHONES
T 3175...74.95
T 3170...134.95
T 3250...114.95

MACHINES
T 1461...59.95
T 5200...79.95
T 5300...97.95
T 8000...130.95
...99.95

NG MACHINES
T 2740...159.95
T 2429...CALL
T 2432...CALL
T 1470...89.95

PHONES
T 3910...94.95
T 4000...149.95
T 4330...114.95
T 4370...142.95
T 4350...129.95
T 4400...154.95
T 9000...259.95
T 3920...114.95
T 4200...129.95

**AUDIO**

PIONEER

RECEIVERS

| | | | |
|---|---|---|---|
| SX-201 | 139.00 | VSX-512S | 339.00 |
| SX-251R | 159.00 | VSX-D602S | 439.00 |
| VSX-312R | 175.00 | VSX-D702S | 509.00 |
| VSX-402 | 199.00 | VSX-D902S | 689.00 |
| VSX-452 | 229.00 | VSX-D1SII | 829.00 |
| VSX-502 | | | 309.00 |

CD PLAYERS

| | | | |
|---|---|---|---|
| PD-102 | 119.00 | PD-M702 | 189.00 |
| PD-202 | 134.95 | PD-M802 | 229.00 |
| PD-M502 | 159.00 | PD-M902 | 259.00 |
| PD-M552 | 169.00 | PD-TM3 | 309.00 |

CASSETTE DECKS

| | | | |
|---|---|---|---|
| CT-W302R | 139.00 | CT-W602R | 199.00 |
| CT-W402R | 149.00 | CT-W802R | 239.00 |
| CT-W502R | 159.00 | CT-WM62R | 299.00 |

LASER DISC PLAYERS

| | | | |
|---|---|---|---|
| CLD-S201 | 319.00 | CLD-D502 | 459.00 |
| CLD-M301 | 389.00 | CLD-D702 | 719.00 |
| CLD-M401 | | | 455.00 |

**JVC**

RECEIVERS

| | | | |
|---|---|---|---|
| RX-206BK | 139.95 | RX-709VTN | 304.95 |
| RX-309TN | 169.95 | RX-809VTN | 379.95 |
| RX-509VTN | 232.00 | RX-905VTN | 609.95 |

CD PLAYERS & CHANGERS

| | | | |
|---|---|---|---|
| XLV-112BK | 109.95 | XLF-207TN | 172.95 |
| XLV-161TN | 117.95 | XLF-211TN | 179.95 |
| XLV-261TN | 124.95 | XLM-409TN | 184.95 |
| XLF-106BK | 157.95 | XLM-509TN | 239.95 |
| XLM-E100 | | | 569.95 |

CASSETTE DECKS

| | |
|---|---|
| TDR-441TN | 161.95 |
| TDV-661TN | 232.95 |
| TDW-106BX | 84.95 |
| TDW-209TN | 137.95 |
| TDW-309TN | 165.95 |
| TDW-709TN | 209.95 |

**CAR STEREO'S**

SONY

| | | | |
|---|---|---|---|
| CDX-5060 | 199.95 | CDX-A55RF | 339.95 |
| CDX-5260 | 234.95 | CDX-U300RF | 404.95 |
| CDX-5460 | 259.95 | XR-6077 | 94.95 |
| CDX-U6260 | 324.95 | XR-3050 | 119.95 |
| CDX-U8000 | 399.95 | XR-4400 | 139.95 |
| CDX-U303 | 284.95 | XR-5600 | 169.95 |
| CDX-U404 | 354.95 | XR-4357 | 139.00 |
| CDX-U70 | 219.95 | XR-U220 | 199.99 |
| CDX-A55 | 268.95 | XR-U330 | 234.95 |
| CDX-U500 | 359.95 | XR-U660 | 258.95 |
| XE-700 | 329.00 | XR-U770 | 399.00 |

**PIONEER**

SINGLE PLAY CD PLAYERS

| | | | |
|---|---|---|---|
| DEH-M990 | 569.95 | DEH-780 | 309.95 |
| DEH-M980 | 407.95 | DEH-730 | 279.95 |
| DEH-880 | 359.95 | DEH-520 | 239.95 |

MULTI PLAY CD PLAYERS & CONTROL

| | | | |
|---|---|---|---|
| CDX-M12 | 334.95 | CDX-FM38 | 389.95 |
| CDX-M30 | 264.95 | CDX-FM35 | 324.95 |

DETACHABLE

| | | | |
|---|---|---|---|
| KEH-M8500 | 354.[illegible] | KEH-M7500 | 259.95 |
| KEH-M8200 | 299.95 | KEH-M6500 | 224.95 |
| KEH-M7300TR | 264.95 | KEH-M5500 | 204.95 |
| KEH-M4500 | | | 189.95 |

**KENWOOD**

| | |
|---|---|
| KDC-9000 | 379.95 |
| KDC-7000 | 309.95 |
| KDC-500 | 259.95 |
| KDC-C800 | 369.95 |
| KDC-C601 | 299.95 |
| KDC-C601FM | 369.95 |
| KRC-1005 | 129.95 |
| KRC-2005 | 144.95 |
| KRC-3005 | 174.95 |

**AUDIO TAPE**

| TDK | | MAXELL | |
|---|---|---|---|
| D-60 | .95 | MX-60 | 1.75 |
| D-90 | 1.05 | MX-90 | 1.97 |
| D-120 | 1.69 | UDI-60 | 1.59 |
| HXS-60 | 1.25 | UDI-90 | 1.80 |
| MA-60 | 1.75 | UR-60 | .80 |
| MA-90 | 2.19 | UR-90 | .95 |
| SA-60 | 1.65 | UR-120 | 1.50 |
| SA-100 | 2.10 | XL-II60 | 1.35 |
| SA-90 | 1.85 | XL-II90 | 1.45 |
| SAX-60 | 1.95 | XL-IIS-60 | 1.89 |
| SAX-90 | 2.45 | XL-IIS-90 | 1.99 |
| SAX-100 | 1.99 | XL-IIS-100 | 2.39 |

FUJI

| | | | |
|---|---|---|---|
| DR-I 60 | .95 | FR-IIX Pro 90 | 2.29 |
| DR-I 90 | 1.10 | FR-IIX Pro 100 | 2.55 |
| DR-II 60 | 1.39 | FR-Metal 60 | 2.29 |
| DR-II 100 | 1.89 | FR-Metal 90 | 2.69 |
| DR-IIX 60 | 1.65 | FR-Metal 100 | 2.99 |
| DR-IIX 90 | 1.99 | Digital 60 | 6.35 |
| FR-IIX 100 | 2.20 | Digital 90 | 7.89 |
| FR-IIX Pro 60 | 1.90 | Digital 120 | 8.99 |

**LINGUISTIC AID PRODUCTS**

FRANKLIN

| | | | |
|---|---|---|---|
| GP-620 | 142.95 | LM-3000 | 69.95 |
| EC-7000 | 149.95 | LM-2015 | 49.95 |
| LM-5000 | 129.00 | Spanish | CALL |
| DBS-1-1 | 139.95 | LM-6000 | 144.95 |
| FP-610 | 142.95 | LM-2000 | 74.95 |
| LM-3200 | 65.50 | LM-2200 | 64.95 |

**ELECTRONIC ORGANIZERS**

SHARP WIZARD

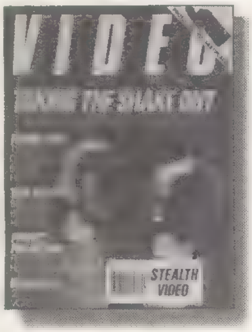
| | | | |
|---|---|---|---|
| IQ-8400 | 209.95 | OZ-74000 | 119.95 |
| ZQ-2200 | 54.95 | OZ-7420 | 134.95 |
| ZQ-2400 | 69.95 | OZ-8000 | 189.95 |
| ZQ-5000 | 119.95 | OZ-8200 | 209.95 |
| IQ-8200 | 179.95 | OZ-8600 | 299.95 |
| IQ-8500 | 249.95 | YO-600 | 139.95 |
| ZQ-5200 | 109.95 | YO-610 | 164.95 |
| OZ-9600 | 329.95 | OZ-9600 II | 399.95 |
| Wizard Peripherals | | | In Stock |

CASIO

| | | | |
|---|---|---|---|
| SF-4300 | 39.95 | SF-9500 | 129.95 |
| SF-5100 | 48.95 | SF-9500 PK | 229.95 |
| SF-5300 | 61.95 | SF-9600 | 119.95 |
| SF-8300 | CALL | SF-R10 | 164.95 |
| SF-9300 | 127.95 | SF-R20 | 199.95 |

Circle 37 on Reader Service Card.

# Subscribe and Save 65%




☐ **YES!** Enter my subscription for 1 year (12 issues) of VIDEO for just $11.97. I save 65% off the newsstand cost of $35.40 and 20% off the regular $15.00 subscription price.

☐ **SAVE EVEN MORE!** Check here to receive 2 years of VIDEO for only $19.97.

Name ________________________
(Please print)

Address ________________________

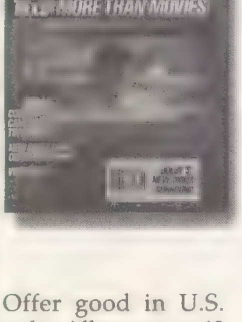
City ____________ State ______ Zip ______

☐ Payment enclosed ☐ Bill Me

Offer good in U.S. only. Allow up to 60 days for delivery of first copy.

4AEO6

# Subscribe and Save 65%




☐ **YES!** Enter my subscription for 1 year (12 issues) of VIDEO for just $11.97. I save 65% off the newsstand cost of $35.40 and 20% off the regular $15.00 subscription price.

☐ **SAVE EVEN MORE!** Check here to receive 2 years of VIDEO for only $19.97.

Name ________________________
(Please print)

Address ________________________

City ____________ State ______ Zip ______

☐ Payment enclosed ☐ Bill Me

Offer good in U.S. only. Allow up to 60 days for delivery of first copy.

4AEO6

HOURS: MON-THURS 9-6
FRI 9-1:30 SAT CLOSED SUN 10-4
FOR ORDERS AND INFORMATION
CALL
1-212-967-5900

29 WEST 35TH STREET, N.Y., N.Y 10001
BET 5TH AND 6TH AVENUE

# SMILE PHOTO

We have the best selection of Extended Warranty From 24.95 & Up

## PANASONIC

### CAMCORDERS

PV-800.....569.95 PV-Q203.....549.95
PV-810.....599.95 PV-Q303.....599.95
PV-760.....869.00 PV-Q403.....659.95
PV-S770....1089.00 PV-Q503.....719.95
PV-53.....929.95 PV-332.....579.95
PV-43.....849.95 PV-362.....699.95
PV-S63.....1079.00 PV-S372.....899.95

### VCR's

PV-2301.....184.95 PV-S 4280.....599.00
PV-4301.....209.00 PV-S 4990.....949.00
PV-4311.....219.00 PV-4962.....389.00
PV-4314.....259.95 PV-4860.....299.00
PV-4351.....269.00 PV-4970.....419.95
PV-4361.....329.00 PV-CC50.....249.00
PV-4362.....349.00 LX-900.....599.00
PV-S 4380....699.95 LX-K700.....579.00
PV-S4366.....449.95 LX-200.....429.00
PV-S 4266....389.00 LX-1000.....599.00
PV-VP1 Video Printer.....784.00

## PANASONIC PROFESSIONAL

### CAMCORDERS

AG-195.....999.95 AG-455.....1549.95
AG-186.....709.95 AG-460.....2399.00
AG-3.....2299.95
WVF250 Doockable Package.....CALL

### VCR's

AG-1270.....219.95 AG-5700.....1229.00
AG-1740.....295.00 AG-W1.....1649.00
AG-1970.....CALL WJMX30.....2299.95
AG-2520.....369.00 WJMX50.....3949.95
WJAVE-3.....399.95 WJ-AVE5.....1159.00
WJ-KB50.....459.95 AG-A95.....244.95
WV-KB15A.....259.95 AG-A96.....379.95
WJ-TTL5.....239.95 VW-CG5.....229.95
AG-EP60 Video Printer.....949.00

### S-VHS VCR'S

AG-7150.....CALL AG-7400.....CALL
AG-7350.....CALL AG-7650.....CALL
AG-7355.....CALL AG-7750.....CALL

### MONITOR/VCR COMBO

AG-505 5".....989.00 AG-550 10".....729.00
AG-513 13".....399.95 AG-560 10".....789.00
AG-520 20".....429.95

### MONITORS

CT-1030M.....299.00 CT-2083VY.....379.95
CT-1331Y.....399.00 CT-1383VY.....299.00
CT-1383Y.....254.95 CT-2583Y.....469.95
CT-2083Y.....339.00 CT-2583VY.....529.95
CT-2000M 19" Multi System.....899.00

## VIDEO PROJECTORS

PT-10L LCD Video Projector.....699.95
PT-101Y S-VHS Video Projector.....CALL
PT-301Y S-VHS up to 300" Screen.....CALL

## SONY

### CAMCORDERS

VX3 Hi-8 3 Chip.....2799.95
TR21 (New)...599.95 TR61.....679.00
TR65.....749.95 TR91.....949.95
TR101.....1169.00 TR200.....899.95
TR500.....1269.95 FX420.....599.00
FX520.....649.00 FX710.....859.95
FX620.....719.95 SC5.....744.95

### VCR's

SLV-400.....239.00 EVS-900.....1499.00
SLV-700.....339.00 EVA-50.....349.00
SLV-750.....389.00 GV-M20.....559.00
SLV-900.....419.00 EVC-40.....325.00
New EVC 100 449.95 EV-DT1.....709.00
EVS-2000.....779.00 EV-DT2.....739.00
EVS-3000.....CALL SL-HF360.....349.95
New SLVR1000 899.95 GV-S50.....749.00
SL-S600.....269.00 SL-HF 2100 1269.00
RME-300.....489.95 RME-700.....629.95
XV-C 900.....699.00 XV-C700.....249.95
DC-P77 Car Cord for Sony Camc.....74.95
DC-S10 Car Charger and Adaptor.....99.95
HVL-200X Light for Camcorder.....92.95
AC-S10 Charger/Reconditioner.....109.95
BE-V8 8MM Rewinder/Eraser.....139.95
GP-TRX Pistol Grip.....84.95
RM-15SK Wireless Remote.....99.95
RM-95 Wired Remote.....89.95
SPK-TRX2.....149.95 SPK-FX1.....124.95
SPK-TRA.....CALL SPK-TR3.....CALL
ACV-55N One Hr. Batt. Charger.....159.95
AA Battery Pack.....19.95
XV-M30 Color Monitor.....379.95
New Car Cord for V-5000.....64.95
NP-11.....44.95 NP-4000.....259.95
NP-22.....29.95 NP-77HD.....69.95
NP-22H.....44.95 NP-80.....59.95
NP-55H.....39.95 NP-800.....74.95
NP-60D.....CALL NP-500.....49.95

## JVC

### CAMCORDERS

GR-M3U.....529.00 GR-AX35.....569.95
GR-M7 Pro.....749.00 GR-AX55.....644.95
GR-AX25.....577.95 GR-AW1.....CALL
GR-SX-90U.....799.95 GR-S-505U.....CALL
New! GRAX-75U.....879.95
GR-S-21U.....1249.95

### VCR's

HR-J200U.....184.95 HR-VP700U.....379.95
HR-J400U.....204.95 HR-S4900U.....CALL
HR-J600U.....279.95 HR-S6900U.....589.95
HR-VP404U.....219.95 HR-DX40U.....219.95
HR-VP504U.....304.95 HR-S4700U.....439.95
HR-VP606.....339.95 HR-S 6800.....519.95

## FUJI

H-128SW.....879.95 F-122SW.....649.95
F-120SW.....499.95 G-101 Act. Grip 54.95
P-701 LCD Projector.....499.95
P-40U Video Projector.....299.00
P-401.....339.95 HP-A1.....CALL
TR-1 Mini Tripod.....19.95
Spare Bulb f/P-701.....29.95
Spare Bulb/P-40U/P401.....24.95

## MITSUBISHI

HSU-58.....399.00 HSU-82.....849.95
HSU-59.....479.00 HSU-56P.....359.95
HSU-69.....629.00 HSU-28.....239.00
HSU-38.....279.00 HSU-48.....354.95

ORDERING INFORMATIO
Shipping, Handling
accepted on most

## RCA

### VHS

CC-285.....BELOW CC-320.....COST
CC-412.....559.95 CC-540.....CALL

### 8MM

PRO-808.....474.95 PRO-930.....719.95
PRO-830.....539.95 PRO-883 (Hi Band) 839.95
PRO-840.....599.95 PRO-865.....CALL

### VHS C

CC174.....559.95 CC-178.....569.95
CC-188.....629.95

### VCR'S

VR-501.....189.95 VR-537.....234.95
VR-505.....219.95 VR-601 HF.....254.95
VR-506.....199.95 VR-658 HF.....269.95
VR-515.....219.95 VR-664 HF.....299.95
VR-521.....224.95 VR-667 HF.....304.95
VR-526.....226.
VR-800 HF.....

## RCA AC

VCC-1000 Color Co
WHP 101 Cordless
AC031 Deluxe Vide
AC028 Soft Camco
AVO96 Extended Pl
AVS010 Syncro Ed
CRM020 Remote C
CRF020 RF Adapte
VTU090 Character
LX 153 1.5x tele...
WMO03 Wireless M

## MI

Truvision Projector
Pro 8-9 Hi-8 2 C
8-808.....729.
8-418.....629.
8-848.....899.
C-550.....619.
8-778.....

## MINOLTA

1.5X Tele f/8-918
0.65X Wide f/8-91
BA-8000S Car batt
DB-8000 Charger E
VCG-4U Character G
VFT-1 Film Transfer
VIC-1 Input Cord....
VIC-2 Av Input Cord
VIC-3 Stereo Input
VOC-3 Stereo Outp
VDC-160 Dubbing
RC-100 Remote Co
VRC-2 Remote Con
DM-1 Uni Direct Mi
DM-2 Super Direct
VRJ-1 Rain Jacket...
VRJ-40G Rain Jacke
VLT-1 1.5x Tele Co
VLW-1 0.7x Wide C
VLL-100U Color Eni
VBP-160 One Hr. B
VBP-161 Two Hr. B
Minolta Car Cords...

## GO

DUAL

GV-2020 Visions 489.
GV-3030 Mirage....
GV-3060 Visions....
CRP-02 Cable Read
PM-01 Palm Mate R

## OL

CAM

VM-100.....589.
VM-525.....799.
VM-737.....

VH-230.....189.
VH-430.....209.

## KODAK PHO

PCD-250.....149.
PCD-850.....199.
ACCESSORIES F
Kodak Pouch...24.

M

DT-24.....17.
DPT-24.....24.
PKT-24.....19.

## S

VL-HL 100U View C
VLL-390.....579.
Slimcam Batt..49.
VLL-N1U.....579.
VLL-E30.....784.

SHA

VC-5250.....162.
VCH-903.....

## FI

FVC10.....

## HI

CAM

VMH-57.....
VM-S8200...1029.
VM-SP1A.....939.
VMH38.....879.
VMH39.....1049.

VT-171.....179.
VT-272.....219.
VT-372.....289.
VT-551.....359.
VT-251.....

## R

R-17C.....
R-18H.....1099.
R-16.....699.

## N

Nikon Credit Ca

VN-750.....CA
VN-840.....629.
New VN-340.....CA
5 Year Warranty....

## TO

M-222.....169.
M-249.....189.
M-449.....219.
M-459.....

## KYOCER

KX-V1.....869.
KX-35.....CA

## CANON

We Accept The Canon Credit Card

A-1 Digital...1149.00 H-460.....799.95
E-808.....699.95 H-850.....649.00
E-520.....599.00 UC-S2.....749.95
E-67.....649.95 UC-S3.....949.95
E-210.....499.00 NEW! UC-S5.....CALL
NEW! E-350...649.95 NEW! E700.....CALL

L-1 Hi-Band Kit.....CALL
CL 10-100MM 10x Lens.....2399.95
CL-250F4 Reflex.....549.95
CL5-15 Wide Angle Zoom Lens.....529.95
CL8-120 Zoom Lens 15X.....499.95
CL8.7-69.6 Zoom Lens 8X.....299.95
EOS Adapter VL.....264.95
CL-2X Extender.....264.95
FS-72U Filter Set.....99.95
EWA Marine Underwater Bag.....279.00

## PAL VIDEO SONY PAL

CCD-FX270...559.95 CCD-TR303...679.95
CCD-VX1.....2599.00 CCD-TR805..1199.95
CCD-TR8E.....909.95 CCDV-600.....959.95
CCD-FX 700..979.95 CCD-TR333...779.95
CCD-TR323...759.95 GV-S50.....1049.95

Call About Our New Models

## SONY VCR's

SLV-X710.....464.95
EVO-3.....499.95 SLV-X37.....299.00
SL-VX57.....329.95 SLV-X800.....CALL

## RICOH PAL

R-15.....849.95 R-18H.....1149.95

## PANASONIC PAL

## SUNPAK

CV-20S Auto
69.95

Ready Zoom CZ-200 Auto.....54.95
CV-300 Auto....79.95 BATTERIES
Ready Lite 10..34.95 CL-5.....39.95
Ready Lite 20..33.50 CL-6.....29.95
CV-150.....39.95 CL-7.....29.95
CV-200.....44.95 CL-8.....29.95
CV-300.....49.95 CL-10.....19.95
CV-320.....44.95 RB-55.....29.95
CV-20S.....49.95 RB-77.....29.95
CZ-200.....42.95 RB-77S.....39.95
Spare Bulb.....19.95

SUNPAK MEMORY-FREE™ NICD

## GEMINI VIDEO TRANSFER SYSTEM

CQ700 VIDEO TRANSFER SYSTEM
• Transfer your treasured memories from print, slide ore movie onto video for all to enjoy • Works with any Camcorder • Fluorescent illumination for brilliant color saturation • Transfers any print from wallet size to 4 x 6 • Built-In Macro Lens • Protective rubber lens cover • Precision optics for high quality images • Sturdy compact construction • Adjustable table stand.
49.95

## VIDEO LENSES VIVITAR

0.42 Super Wide Angle.....43.95
0.5 Wide Angle.....43.95
06/1.5x Reversible.....42.
2x Telephoto.....47.

## KINDEX-2

All-Purpose video search/index device

Provides Hassle free access to programs/spots on VHS tapes. Just punch in required selection and Kindex2 locates the right program promptly.

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

**BUSINESS REPLY MAIL**
FIRST CLASS MAIL PERMIT NO. 3494 NEW YORK, NY

POSTAGE WILL BE PAID BY ADDRESSEE

VIDEO
P O BOX 52255
BOULDER CO 80321-2255

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

**BUSINESS REPLY MAIL**
FIRST CLASS MAIL PERMIT NO. 3494 NEW YORK, NY

POSTAGE WILL BE PAID BY ADDRESSEE

VIDEO
P O BOX 52255
BOULDER CO 80321-2255

29 WEST 35TH STREET, N.Y., N.Y 10001

# SMILE PHOTO

FOR ORDERS ONLY
CONTINENTAL USA AND CANADA
TOLL FREE
**1-800-366-6993**

## VIDEO EDITMAKER

Videonics Video Edit-Maker is a ▪ function video editor that does more than just edit (it contains a complete titler and a graphics and special effects generator ▪ well. **439.95**
Faster, more accurate and easier to use than the Direct ED+. Now you can edit, scroll titles, add graphics and special effects. Features either IR ▪ hardwire control (with Sony LANC equipped units). Turn ▪ drab footage into a starting production

ED-IT Maker Pal....649.00
PRO ED System....899.00 Special
DirectED....279.95
Direct-ED Plus....329.95
Direct-ED Plus Pal....499.95
Processor Plus (PP1)....69.95

### Graphics Library

Libr. 1 "Presentation Marquees"....37.95
Libr. 2 "Holidays — Celebration"....37.95
Libr. 3 "Travel — Vacation"....37.95
Libr. 4 "Sports — Recreation"....37.95
Libr. 5 "Title Style Library"....37.95
Sound Effects Mixer "Boing Box"....104.95
Video Titlemaker....319.95
Video Titlemaker Pal....469.00
"NEW" DIGITAL VIDEO MIXER (MXI)....CALL

## THUMBS UP™

Home Video Editor....144.95
Thumbs Up Pal....239.00

**VIDEONICS VIDEO EQUALIZER**
**The World's First**
**DIGITAL Video Processor**

Digital Paintbrush allows you to manipulate the colors ▪ your videos to get the look of the latest TV commercials and music videos! **Features:** • 3 Channel Audio Mixer • Dual Outputs • Split Screen • Full Spectrum Color Processor • Digital Enhancer • SVHS Compatible. **$209.95**
Video Equalizer Pal....369.00

## AZDEN

VE-100....244.95
VPC-10 Production Center....269.95
AVS-10 A/V Switcher....69.95
AVS-20 Switcher w/MIC Mixing....79.95
Audio input Cord f/VE-100....19.95

## SAMBICO

## VIDEO TITLE WRITER V-6350

• Sophisticated color titler with dozens of options and effects for unlimited creativity. • Built-in "demo" program illustrates all capabilities. • On-screen displays make operation easy. • 10 pages of memory available with both manual and automatic playback. • Titles can appear over live video or ▪ internally generated color backgrounds. • Titles can cut ▪ and out, wipe in and out in a variety of ways, scroll up and down the screen, march across the screen like tickertape, and flash on and off. • Wipe, scroll, and tickertape functions offer choice of 3 speeds. • Character options include upper/lower cases. 2 fonts, 4 sizes, 3 borders, and 8 colors. • Includes lettering for Spanish and French as well as English. • Hi-8 and S-VHS compatible. **149.95**

## V-6300

### Audio/Video Editing Effects Mixer

• Edits two videos into one final production with spectacular effects. • Fades between video images in any color. • Wipes between video images in any color and with hundreds of different patterns. • Mixes a rich stereo soundtrack complete with narration and background music. • Hooks up to a Time Base Corrector or Genlock Camera for synchronous video effects. **209.95**

V-0635 Reviser Edit, Mix, Enhance....79.95
V-6305 Color processor w/Fade....39.95
V-6306 Audio Video Color Fader....49.95
V-6310 Mixer/Enhance w/Split Screen....54.95
V-6315 Mixer/Enhancer w/Fader....64.95
V-6325 S-VHS Editing Processor....229.00

## JVC

CG-V60U Character Generator....144.95
JX-T88 S-VHS Character Generator....234.95
JX-T66 Character Generator....159.95
JX-S 100 AVPsvhs Switcher....68.95
JX-S 300 AV/SVHS Switcher....189.95
JXS-900 AV/S-VHS Switcher....469.95
JX-SV55 Video Production Center....349.95

## VIDICRAFT

VDM-200 Image Enhancer/Color Processor....89.95
VDM-300S S-VHS Video Proc....159.95

## FUTURE VIDEO

EC-1000 Pro Editor....454.95
EC-1000 Pro MK II....569.00
EC-1000 Pro/TC MK II....944.95
EDL-1000 Software Program....259.00
EDL-2000....349.00
TCG-20 Time Code Generator....CALL
Horita TG-50....CALL

## TAMRON

Fotovix II-X-6X Auto Zoom....CALL
Fotovix II-3X Manual Zoom....CALL
Fotovix II-S....CALL
Microvix with 4X Objective Lens....CALL
22Z Lens Kit....CALL
19Z Conversion Lens F/SX10....CALL
68W 3x Manual Zoom....CALL
55W 3x Manual Zoom....CALL
Film Carriers F/35mm....CALL
Video Editor II....CALL

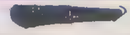
## VIDEO ACC. AZDEN

WHX-PRO....159.95 WR-2 Pro....149.95
WMS-PRO....133.95 WM/T-30....54.95
WLX-PRO....134.95 ECZ-990....54.95
WM/T-PRO....109.95 ECZ-770....52.50
WL/T-PRO....72.95 ECZ-660....49.95
WR-PRO....72.95 ECS-440....39.95
WMS-200....82.95 DMH-80S....49.95
WMS-100....79.95 HS-7V....16.95
VIDIPAX....34.95 CAM-3....44.95
TRANSFER-IT....24.95

## JVC

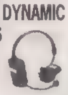
MZ-350 Zoom Mic....74.95
MZ-707 Stereo Zoom Mic....129.95

## NADY



151 HT/LT Combo....234.95
151 VR/LT Wireless Mic....109.95
151 VR/HT Wireless Mic....124.95
351 VR/LT Compact Wireless Mic....159.95
351 VR/HT Handheld....189.95
VLM-770 Lavalier Mic....29.95
101-LT Wireless Mic....189.95
101-HT Wireless Mic....209.95
201-LT Wireless Mic....244.95
201-HT Wireless Mic....269.00
551 VR/LT....539.00
551 VR/HT....669.00
501 VR/LT Pro Wireless Mic....539.95
501 VR/HT Pro Wireless Mic....599.00
VCM-100 Video Boom Mic....44.95
AVM-300 Stereo Audio Mixer....59.95
MCM-400 Portable Audio Mixer....42.95
NHM-200 Monitoring Headset....17.95
SBM-500 Stereo Boom Mic....34.95
CTM-600 UNI-Directional Mic....49.95

## PROFESSIONAL DYNAMIC MICROPHONES



SPIC....49.95 SPIII....69.95
SPI....47.95 PRC-1X....CALL
SPII....47.95 PRC-3X....CALL

## NADY WH-90

### Wireless Stereo Headphones

Now you can roam around the house, go from room to room, even ▪ outside on the patio while listening — in private — to your favorite stereo music from your home stereo or stereo TV, thanks to the Nady WH-90 Wireless Stereo Headphones. **68.95**
Additional Headset....53.95

## SIMA VIDEO PRODUCTION

## FX VIDEO ED/IT™ 4

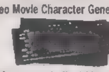
### Special Effects Editor and Stereo Sound Mixer 179.95

Edit your videotapes with professional color wipes and fades __ plus add sound. A complete creative editing center. Stop wipes, partial wipes, inverses, reverses, crossfades and lots moreé Over 100 unique wipe patterns in a broad spectrum of colors.

SFX-5 Video Pro Magic....299.95
Pro ED/IT 3....114.95
ED/IT-2....59.95 ED/IT-1....28.95
ED/IT 2X....114.95
Color Writer Magic....197.95
Easy Titler Magnetic Titling Kit....27.95
Stereo Mic F/ED-IT 3....19.95

### THE SIMA SCREENWRITER

**Video Movie Character Generator**



At last! An easy and affordable way to add professional-looking titles to your home video productions! **114.95**

Stereo Sound Mixer (SSM-3)....33.95
Booster Box....18.95 Copy Kit....18.95
Copy Kit 2....28.95 Copy Kit 3....64.95

### PAL

Pro ED/IT 3 ▪....139.95
FX ED/IT 4 Pal....189.95
Screenwriter Pal....129.95

### VIDEO MICROPHONES

Sound Catcher....44.95
Super Sound Catcher....109.95
Tele Mike....27.95 Cam Mike....18.95
Mixer Mike....34.95 Sound Check....8.95

### VIDEO LIGHTING

SL-1 Cordless Video Light....29.95
Camlight-3 20 Watt w/Sony Battery....49.95
SL-6 15 Watt Mini Video Light....19.95
SL-7 20 Watt Mini Camlight....34.95
SL-8 10/30 Watt Dual Beam....39.95
SL-9 30 Watt Camlight....44.95
SL-10 20 Watt Sensor Light....49.95

## SIMA POWER MAX

| | |
|---|---|
| **SPM-3** Power Max Plus: Quick Charger/ Reconditioner 38.50 | **SPM-1** Power Max Camcorder Battery Quick Charger 17.▪ |
| **SPM-4** Power Max Plus 2 Camcorder Battery Quick Charger and Reconditioner 49.95 | **SPM-2** Power Max Dis-charger Camcorder Battery Re-conditioner and Tester 17.95 |

NEW! SPM-B Power Pocket....39.95
SPM-5 15 Min. Charger....56.95
SPM-6....16.95 SPM-7....17.95
SPM-8....22.95 SPM-9....29.95
Canon Plate for SPM-5....11.95

### Video Support

Video Prop....22.95 Campod....26.95
SVB-1 Bracket....11.95 SVB-2 Bracket....10.95

VCR plus+

Our Low Price....**39.95**

*The revolution has arrived . . .*
*Cinema Products*

## STEADICAM JR

**374.95**

Travel Case....59.95
Canon L-1 Adp. Kit....69.95
Steadicam JR PAL....474.95

## BESCOR

**BMW-PRO Professional Wireless Microphone System** **104.95**

• Wireless Microphone system with up to 400 ft. range. • 2 Mics (1 clip-on, 1 hand-held). • 2 Switchable channels to select the clearset sound. • Monitor earphone lets you monitor sound being recorded. • Camera shoe or velcro mount for added versatility. • Includes+ High sensitivity Lapel Mic, Handheld Mic, Camcorder Hook up Cable, Monitor Earphone, and Batteries.

BMW-10....49.95 BMW-20....59.95

CALL FOR BESCOR CATALOG

## SAMSON

**FEATURING dbx® NOISE REDUCTION**

### MR-1 WIRELESS SYSTEM LAVALIER SYSTEMS

ST-2 (L) ECM-144 Transmitter w/Sony Mic/Mr-1 Receiver....298.95
ST-2 (L) AT831 Transmitter w/Audio Technica Mic/MR-1 Receiver....344.95
ST-2 (L) ECM-44 Transmitter w/Sony Mic/MR-1 Receiver....369.00

## HAND-HELD SYSTEMS

SH-2/PR4 Audio Technica Dynamic Mic/MR-1 Receiver....344.95
SH-2/58 Shure SM58 Dynamic Mic Element/MR-1 Receiver....364.95
SH-2/85 Shure SM-85 Condenser Mic Element/MR-1 Receiver....529.00

### MR-1 MICRO RECEIVER SUPER TD TRANSMITTER LAVALIER SYSTEMS

Sony ECM-144/TX-3 Body Pack Transmitter....464.95
Audio Technica AT-831/ TX-3 Body Pack Transmitter....519.00
Sony ECM-44/TX-3 Body Pack Transmitter....494.95
Sony ECM-55/TX-3 Body Pack Transmitter....608.95
Sony ECM-77/TX-3 Body Pack Transmitter....659.00
Sennheiser MKE-2/TX-3 Body Pack Transmitter....644.95
Beyer 10.9 Unidirectional/ TX-3 Body Pack Transmitter....644.95
Hand-Held Systems In Stock ...**Call For Price**

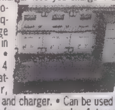
## VLP WIRELESS SYSTEMS

VT-1 (L) Transmitter w/Lavalier/ VR-Receiver....159.95
VH-1 Hand-Held Transmitter/VR-1 Receiver....189.95

## SANYO MICROSMART

### NC-M01

**Multi-Charger/Analyser/Reconditioner for Sony Camcorder Batteries.**

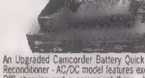


• 4 position charger let's you charge 4 batteries in automatic sequence. Charge Sony battery in 30 minutes. • Position 4 works as a battery analyser, reconditioner, and charger. • Can be used as an AC Adaptor for your camcorder. Automatic voltage sensor for overseas use. **89.95**

Also Available for Canon Batteries....139.95

## ARKON

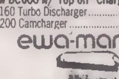
**TURBO CAMCHARGER B600**
**Advanced Camcorder Battery Charger and Reconditioner** **49.95**



An Upgraded Camcorder Battery Quick Charger & Reconditioner - AC/DC model features exclusive "Top Off" charging and a convenient three - LED battery status inductor. Works with most 6v 8mm and VHS-C batteries (included Canon, Hitachi, JVC, Panasonic, RCA, Ricoh, Sony or other equivalent). BC600 is equipped wit the most ▪graded circuitry ▪ erase the "Memory Effect" of NiCd batteries t rough electronically controlled discharge. This procedure "Reconditons" the battery so it can restore to 100% full charge capacity ▪ a safely, quickly and completely. After the battery is reconditioned, BC600 automatical initiates a rapid electronically controlled charge at the safest, most efficient rate in the industry.

**New BC600 w/"Top off" Charging**....49.95
TX-160 Turbo Discharger....24.95
TC-200 Camcharger....40.95

## ewa-marine



**ALL WEATHER**
**Waterproof your camcorder!**

ewa-marine housings for camcorders!
• 100% waterproof protection!
• Large optical glass port!
• Safe to 30 ft. underwater!
• Capture the action with the spacesuit for yo▪ camcorder!

Video Cameras....169.95 And Up
Video Cape....84.95 And Up

## POWER PACKS

880 Power Pro + 12 Volt 10 AMP....279.00
970 Power Max 12 Volt 14 AMP....389.00
Available dual output configurations include cigarette lighter, 4-pin or 5-pin XLR in any configuration

Cellpack 12V, 10 AMP....179.00
Cellpack 12V, 14 AMP....219.00
Cellpack 13.2V, 14 AMP....269.95
Campak 12 Volt....149.00
Campak Pro 12 Volt 4 Pin XLR....159.00
Campak Pro 13.2 Volt 4 Pin XLR....189.00

## N.R.G. LIGHTING

Lite-Rite Light Control....119.00
Versalite AC/DC Light....119.00
Versalite AC/DC Prof. Light....159.00
Highlite Dual Beam Dc. 55 Watt....139.00
Special Application Bulbs....22.95

## STUDIO LIGHTING KITS

1000 Watt 2-Light Photoflood....299.00
1500 Watt 3-Light Photoflood....349.00
1200 Watt 2-Light Focusing Quartz....349.00
1800 Watt 3-Light Focusing Quartz....459.00
NEW! Power Station 2 (4.6 Amps or 10 Amps)....CALL
NEW! Power Can (18 Amps or 28 Amps ▪ 40 Amps)....CALL
NEW! Motive Pro Power Belt System....CALL

## BESCOR BATTERIES

**12 volt inline battery meter**....29.95
20 AMP hrs....129.95
10 AMP hrs....71.95
Nicad Pak....104.95
13 AMP hrs....87.95

**10,000 MAH Batt Pack runs most Camcorders up ▪ 7 Hours**
• Weighs only 3.9 lbs
• Includes charger, and connecting cord
• No other adaptors needed. **74.95**

## LENMAR

**CAMCORDER BATTERY BELT PACKS**
(For your Sony, Panasonic, JVC, Sharp, Hitachi)

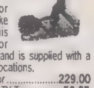
LP4500U-6V 4.5 AH....59.95
LP6500U-6V 6.5 AH....79.95
LED65U-6V 6.5 AH w/Led Tester....99.95
LED100U-6V 10 AH w/Led Tester....119.95
For Canon Add....14.95
BATTERIES "NO MEM"
JPS77L Multi Battery 6V 2300 AM....89.95
NP77L Multi Battery 6V 3300 AM....99.95
SP77LD Sony w/Led 2300 AM....79.95
SP77HL Sony w/Led 2300 AM....59.95
CB72L Canon 6V 2300 AM....59.95
SBT80 Sharp BT 80/6V 2400 AM....69.95

## TUNDRA

T-100 (8mm/VHS-C) Discharger....17.95
T-200 AC/DC Rapid Charger....37.95
T-300 2 Battery Charger....44.95
T-350 Charger/Decharger....49.95
T-400 Battery Reconditioner....24.95

## LCD COLOR VIDEO MONITORS

**CITIZEN LCD M-329 MKII Color Video Monitor w/Batt. Pack** **$134.95**



Now you can monitor your videos as y▪ take them in Full Color. This 2.9" Color Monitor weighs just 5 ounces and is supplied with a hood for use in bright locations.

New M-938 3.8" Monitor....229.00
AC adapter....19.95 TV Tuner....59.95
DC Car Cord....29.95 Case....18.50
M-329 Pal....149.95 T-740....224.95
T-530....CALL P-822....CALL
Sony XVM-30 3" Monitor....329.95

## RAYNOX

**Professional Slide To Video Transfer SV-7000**

For transferring 35mm slides, the SV-7000 replaces the lens of your projector. A specially designed, high quality transfer lens and optical prism project ▪ 'aerial' image directly into your camera's lens. As there is no intervening screen, crisp, brilliant results are assured. **79.95**

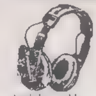
## DO NOT DISTURB

**ARKON INFRASOUND**
IR500 Cordless Headset lets you **listen privately to TV**, as loud as you like, **without disturbing others.** MODEL IR500 **44.95**

Additional Receiver IR501....34.95
CH-1000....54.95
RCA WHP-101 Cordless Headphone....114.95

## JVC

**HA-W70 Digital Wireless Stereo Headphones**

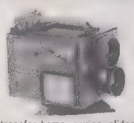


Now you can listen to your favorite music or TV show as loud as you want without disturbing others or getting tangled-up cords!
The HA-W70 transmits the music digitally using infra-red signals so you get the crystal clear sound quality of compact discs plus the privacy and freedom of cordless headphones. **$129.95**

"NEW" HAW55....99.95
"NEW" HAW75....159.95

## ALL IN ONE CO-PRODUCER

**VIDEO TRANSFER SYSTEM, WITH BUILT IN STEREO SOUND MIXER.**



Easily transfer home movies, slides, or photos up to 4" X 6" to video. Stereo Sound Mixer let's you add background Music and Narration as you copy....99.95
Optional AC Adapter....19.95

## LOWEL

### LAMP HEADS

Pro-Lite.... Tota-Lite.... Lowel-Lite....
V-Lite.... Omni-Lite.... Soft-Lite....
H-Lite.... DP-Lite.... Light Array....

### OUTFITS

VP-96....TI-90....01-92....TO-96....D2-94
VP-95....TI-91....01-93....TO-97....D2-96
PI-93....TI-92....01-95....TO-98....D2-97
VP-97....TI-94....TO-95....DT-93....DT-98

## FAX MACHINES

### SHARP FAX

UX-114....299.95 FO-135....319.95
UX-172....360.00 FO-231....369.95
UX-184....359.95 FO-1700....799.95
UX-1500....804.95 FO-1440....1439.95

### MURATA FAX

M-720....284.95 M-920....CALL
M-820....CALL M-1220....CALL
M-910....314.95 M-3000....999.95

### CANON FAX

FAX-16....279.95 FAX-80....529.95
FAX-17....329.95 FAX-B60....649.95
FAX-50II....389.95 FAX-B70....679.95
FAX-B75....739.95
Cartridge "B60, 70, 75:....24.95
PL 80 Kit....19.95

### HEWLETT PACKARD PLAIN PAPER FAX

Fax-200....844.95
Fax-310 w/512 KB....1084.95

### PANASONIC FAX

KX-F230....399.00 KX-F130....354.95
KX-F140....379.95 KX-F110....499.95
KX-F5000 Laser Fax....1319.95

### TOSHIBA FAX

4700....404.95
5400....349.95
5600....354.95

### BROTHER FAX

FAX-600....319.95 FAX-780MC....409.95
FAX-680....349.95 PPF-900....599.95
FAX-740M....389.95 PPF-980....629.95

### FAX PAPER BY THE CASE

98"....17.95 164"....24.95
328"....39.95
3 Year Extended Warranty....49.95

## COPIERS

Canon PC PERSONAL COPIERS

### CANON PC

PC-3 II....339.95 PC-11....819.95
PC-2LX....519.00 Cartridges....68.95
PC-310....369.95 Mini Sorter....99.95
PC-330....449.00 PC Fuser....39.95
PC-6RE....749.00 PC Cabinet....99.95
PC-330L....499.00 Legal Casst....49.95
PC-7....799.00 PC-12....839.95
8-1/2x11 paper 500sheets....4.50
Color Cartridge....79.95

## RADAR DETECTORS

### UNIDEN

RD-5000W....58.95 LRD-2000....89.95
RD-6000W....62.95 LRD-8000....119.95
RD-9GTL....54.95 LRD-9000....144.95

### WHISTLER (Rebates)

Spec. 3SE....94.95 1160....119.95
3000....109.00 1170SW....114.95
5000 SE....114.95 880....134.95
1190....124.95 480....49.95
800SW....109.95 680....49.95
780....64.95 1100....59.95
1080....109.95

### COBRA

DS-504....134.95
RD-300....44.95
RD-302....49.95
RD-304....92.95
RD-6000....CALL

### BEL

966W....84.95 625....179.95
956W....56.95 625 ST....219.95
966STW....159.95 405....69.95
610I....139.95 924....59.95
620I....149.95 415....89.95
635I....179.95 605....99.95
936W....109.95 952 Remote....89.95
LA-132....59.95 LAW-1....CALL
966ST-R....189.95 615....119.95
990 Express....109.95 645I....219.95
932R....99.95 645 STI....249.95

### BEARCAT SCANNERS

BC-XL 8500....339.95
BC-147XLT....77.95 BC-100XLT....134.95
BC-175XL....109.95 BC-200XLT....191.95
BC-210XLT....124.95 BC-560XLT....77.95
BC-800XLT....168.95 BC-590XLT....167.95
BC-70XLT....112.95 BC-2500XLT....319.95

## CALCULATORS

### HEWLETT PACKARD

HP-10B....29.95 HP-95LX....364.95
HP-12C....54.95 HP-32SII....46.95
HP-14B....54.95 HP-48S....109.95
HP-17B....64.50 HP-42S....79.95
HP-19B....109.95 HP-48SX....144.95
HP-20S....29.95 HP-48G....114.95
HP-48GX....234.95 HP-100LX....679.95
Infrared Printer....92.95
Infared Printer Interface Module....59.95
Peripherals for 48SX....79.95
AC Adapter/Battery Charger....19.95
32K/48 SX....39.95 128K....109.95
128K/95 LX....119.95 512K....229.95
HP-95 LX 1 Megabyte....499.95
1 Megabyte Ram Card for 95LX....179.95
Portable Disk Drive for 95LX....249.95
Translation Cards for 95LX....234.95

## PERSONAL STEREOS

### SONY WALKMAN

SONY MZI....499.95

**Cassette only**

WMWX-50....132.95
WMD-3....179.95
WMD-6E....269.95

| Sports Walkman | | AM/FM Walkman | |
|---|---|---|---|
| WMSXF-10 | 50.95 | WMFX-2041 | 64.95 |
| WMSXF-16 | 53.95 | WMFX-41 | 59.95 |
| WMAF-59 | 62.95 | WMFX-42 | 64.95 |
| WMSXF-30 | 59.95 | WMFX-45 | 66.95 |
| WMSXF-33 | 64.95 | WMFX-2085 | 67.95 |
| WMF-2078 | 92.95 | WMFX-52 | 104.95 |
| WMSXF-39 | 81.95 | WMGX-90 | 288.95 |
| WMSXF-44 | 84.95 | | |

### AIWA

HD-S100....569.95 HS-JS315....60.95
XP-7....174.95 HS-JS215....46.95
XP-6....136.95 HS-RX610....108.95
XP-3....107.95 HS-TX710....69.95
HS-J707....148.95 HS-TX610....51.95
HS-JX707....249.95 HS-T55....52.95
HS-JS415....84.95 HS-PX1000....229.95

## SONY WATCHMAN TVS

FD-285....119.00 FD-555....129.95
FD-C290....109.00 FD-250....94.95
FD-280....105.00 FDL-370....249.95
FD-230....89.95 FDL-380....274.95
FD-510....89.95 FDL-3500....299.95
FDL-K400....464.95

## PORTABLE CD PLAYERS

### SONY

D-34....109.95 D-220....129.95
D-111....139.95 DT-24....159.95
D-121....109.00 DT-223....137.95
D-113CR....150.95 D-125....109.95
D-211....169.95 D-202....154.95
DT-115....204.95 D-122....139.95
D-311....234.95 D-421SP....219.95
D-828K....209.95 D-822K....179.95
D-802K....174.95 Car Cord....29.95
D-808K....209.00 Cass. Adp....24.95

## SHORTWAVE RADIOS

### SONY

ICF-SW15....64.95 ICF-7600DA....89.95
ICF-7601....89.95 ICF-7600....163.95
ICF-SW7601....88.95 ICF-SW30....84.95
ICF-SW1S....234.95 ICF-SW33....137.95
ICF-SW77....399.00 ICF-SW800....99.00
ICF-2010....284.95 ICF-SW55....294.95

## TELEPHONE SYSTEMS

### AT&T — TOP RATED

30# Caller ID....59.95 1418....74.95
85# Caller ID....74.95 1523....114.95
100....29.95 1527....124.95
715....34.95 1532....124.95
725....44.95 1539....114.95
730....64.95 1545....177.95
712....54.95 4605....79.95
764....99.95 5200....69.95
732....84.95 5352....138.95
1306....44.95 5400....87.95
1317....74.95 5450....97.95
1323....79.95 5510....134.95
1332....84.95 5600....184.95
1337....79.95 1506....74.95
New 9100....209.95 New 9120....249.95
New 9530....289.95

### SONY CORDLESS

SPP-57....59.95 SPP-115....104.95
SPP-65....74.95 SPP-X90....209.95
SPP-75....84.95 SPP-170....129.95
SPP-85....99.95 SPP-190....144.95
SPP-95....99.95 SPP-320....184.95
SPP-A20....124.95 SPP-A40....134.95
SPP-D15....139.95 SPP-A60....149.95
SPP-180....139.95 SPP-X30....147.95
SPP-X50....182.95

### FEATURE PHONES

IT-D10....49.95 IT-D250....84.95
IT-D100....49.95 IT-A205....81.95
IT-D150....59.95 IT-A305....94.95
IT-D20....69.95 IT-A505....114.95
IT-D200....69.95 ITA-555....119.95
ITA-3000....174.95 ITA-4000....149.95
TAM-30....59.95 ITA-2500....164.95
TAM-50....66.95 TAM-1000....114.95

## PANASONIC

### FEATURE PHONES

KX-T 2310....34.95 KX-T 2260....54.95
KX-T 2315....39.95 KX-T 2355....44.95
KX-T 2335....39.95 KX-T 2365....54.95
KX-T 2250....44.95 KX-T 2370....89.95
KX-T 2346....58.50

### MULTI-LINE PHONES

KX-T 3110....49.95 KX-T 3175....74.95
KX-T 3120....59.95 KX-T 3170....134.95
KX-T 3165....64.95 KX-T 3250....114.95

### ANSWERING MACHINES

KX-T 1000....39.95 KX-T 1461....59.95
KX-T 1451....52.50 KX-T 5200....79.95
KX-T 2100....49.95 KX-T 5300....97.95
KX-T 2300....62.50 KX-T 8000....130.95
KX-T 1740....99.95

### PHONE/ANSWERING MACHINES

KX-T 2388....59.95 KX-T 2740....159.95
KX-T 2390....59.95 KX-T 2429....CALL
KX-T 2395....69.95 KX-T 2432....CALL
KX-T 2460....92.50 KX-T 1470....89.95

### CORDLESS PHONES

KX-T 4300....119.95 KX-T 3910....94.95
KX-T 3620....59.95 KX-T 4000....149.95
KX-T 3705....69.95 KX-T 4330....114.95
KX-T 3720....74.95 KX-T 4370....142.95
KX-T 3855....79.95 KX-T 4350....129.95
KX-T 3848....69.95 KX-T 4400....154.95
KX-T 3730....87.50 KX-T 9000....259.95
KX-T 3860....109.95 KX-T 3920....114.95
KX-T 3980....134.95 KX-T 4200....129.95

## AUDIO

### PIONEER

#### RECEIVERS

SX-201....139.00 VSX-512S....339.00
SX-251R....159.00 VSX-D602S....439.00
VSX-312R....175.00 VSX-D702S....509.00
VSX-402....199.00 VSX-D902S....689.00
VSX-452....229.00 VSX-D1SII....829.00
VSX-502....309.00

#### CD PLAYERS

PD-102....119.00 PD-M702....189.00
PD-202....134.95 PD-M802....229.00
PD-M502....159.00 PD-M902....259.00
PD-M552....169.00 PD-TM3....309.00

#### CASSETTE DECKS

CT-W302R....139.00 CT-W602R....199.00
CT-W402R....149.00 CT-W802R....239.00
CT-W502R....159.00 CT-WM62R....299.00

#### LASER DISC PLAYERS

CLD-S201....319.00 CLD-D502....459.00
CLD-M301....389.00 CLD-D702....719.00
CLD-M401....455.00

## JVC

#### RECEIVERS

RX-206BK....139.95 RX-709VTN....304.95
RX-309TN....169.95 RX-809VTN....379.95
RX-509VTN....232.00 RX-905VTN....609.95

#### CD PLAYERS & CHANGERS

XLV-112BK....109.95 XLF-207TN....172.95
XLV-161TN....117.95 XLF-211TN....179.95
XLV-261TN....124.95 XLM-409TN....184.95
XLF-106BK....157.95 XLM-509TN....239.95
XLM-E100....569.95

#### CASSETTE DECKS

TDR-441TN....161.95
TDV-661TN....232.95
TDW-106BX....84.95
TDW-209TN....137.95
TDW-309TN....165.95
TDW-709TN....209.95

## CAR STEREO'S

### SONY

CDX-5060....199.95 CDX-A55RF....339.95
CDX-5260....234.95 CDX-U300RF....404.95
CDX-5460....259.95 XR-6077....94.95
CDX-U6260....324.95 XR-3050....119.95
CDX-U8000....399.95 XR-4400....139.95
CDX-U303....284.95 XR-5600....169.95
CDX-U404....354.95 XR-4357....139.00
CDX-U70....219.95 XR-U220....199.99
CDX-A55....268.95 XR-U330....234.95
CDX-U500....359.95 XR-U660....258.95
XE-700....329.00 XR-U770....399.00

## PIONEER

### SINGLE PLAY CD PLAYERS

DEH-M990....569.95 DEH-780....309.95
DEH-M980....407.95 DEH-730....279.95
DEH-880....359.95 DEH-520....239.95

### MULTI PLAY CD PLAYERS & CONTROL

CDX-M12....334.95 CDX-FM38....389.95
CDX-M30....264.95 CDX-FM35....324.95

### DETACHABLE

KEH-M8500....354.95 KEH-M7500....259.95
KEH-M8200....299.95 KEH-M6500....224.95
KEH-M7300TR....264.95 KEH-M5500....204.95
KEH-M4500....189.95

## KENWOOD

KDC-9000....379.95
KDC-7000....309.95
KDC-500....259.95
KDC-C800....369.95
KDC-C601....299.95
KDC-C601FM....369.95
KRC-1005....129.95
KRC-2005....144.95
KRC-3005....174.95

## AUDIO TAPE

| TDK | | MAXELL | |
|---|---|---|---|
| D-60 | .95 | MX-60 | 1.75 |
| D-90 | 1.05 | MX-90 | 1.97 |
| D-120 | 1.69 | UDI-60 | 1.59 |
| HXS-60 | 1.25 | UDI-90 | 1.80 |
| MA-60 | 1.75 | UR-60 | .80 |
| MA-90 | 2.19 | UR-90 | .95 |
| SA-60 | 1.65 | UR-120 | 1.50 |
| SA-100 | 2.10 | XL-II60 | 1.35 |
| SA-90 | 1.85 | XL-II90 | 1.45 |
| SAX-60 | 1.95 | XL-IIS-60 | 1.89 |
| SAX-90 | 2.45 | XL-IIS-90 | 1.99 |
| SAX-100 | 1.99 | XL-IIS-100 | 2.39 |

### FUJI

DR-I 60....95 FR-IIX Pro 90....2.29
DR-I 90....1.10 FR-IIX Pro 100....2.55
DR-II 60....1.39 FR-Metal 60....2.29
DR-II 100....1.89 FR-Metal 90....2.69
DR-IIX 60....1.65 FR-Metal 100....2.99
DR-IIX 90....1.99 Digital 60....6.35
FR-IIX 100....2.20 Digital 90....7.89
FR-IIX Pro 60....1.90 Digital 120....8.99

## LINGUISTIC AID PRODUCTS

### FRANKLIN

GP-620....142.95 LM-3000....69.95
EC-7000....149.95 LM-2015....49.95
LM-5000....129.00 Spanish....CALL
DBS-1-1....139.95 LM-6000....144.95
FP-610....142.95 LM-2000....74.95
LM-3200....65.50 LM-2200....64.95

## ELECTRONIC ORGANIZERS

### SHARP WIZARD

IQ-8400....209.95 OZ-74000....119.95
ZQ-2200....54.95 OZ-7420....134.95
ZQ-2400....69.95 OZ-8000....189.95
ZQ-5000....119.95 OZ-8200....209.95
IQ-8200....179.95 OZ-8600....299.95
IQ-8500....249.95 YO-600....139.95
ZQ-5200....109.95 YO-610....164.95
OZ-9600....329.95 OZ-9600 II....399.95
Wizard Peripherals....In Stock

### CASIO

SF-4300....39.95 SF-9500....129.95
SF-5100....48.95 SF-9500 PK....229.95
SF-5300....61.95 SF-9600....119.95
SF-8300....CALL SF-R10....164.95
SF-9300....127.95 SF-R20....199.95

Circle 37 on Reader Service Card.

# FACTORY DIRECT

TO ORDER (800) 695-3535 FOR INFORMATION (212) 564-4398

WE ALWAYS BEAT OUR COMPETITIONS PRICE

## HOME THEATER SALE

### TELEVISIONS

TV SPECIALS

| | | | |
|---|---|---|---|
| 27 INCH STEREO | 399 | 35 INCH STEREO | 999 |
| 30 INCH STEREO | 699 | 40 INCH STEREO | CALL |
| 31 INCH STEREO | 799 | 46 INCH REAR PROJ. | 1199 |
| 32 INCH STEREO | 699 | 50 INCH REAR PROJ. | 1499 |

**SONY**

| | |
|---|---|
| KV32TS36 | 859 |
| KV32XBR36 | 1319 |
| KV32XBR95S | IN STOCK |
| KV41EXR95 | 1729 |
| KP46V15 | CALL |
| KP53V15 | CALL |
| KP61V15 | CALL |
| KP53XBR25 | 2779 |

**JVC**

| | |
|---|---|
| AV31BX4 | 1105 |
| AV31BM4 | 769 |
| AV31BP4 | 865 |
| AV35BP3 | 1279 |
| AV35BP4 | 1310 |

**HITACHI**

| | |
|---|---|
| 35TX30B | CALL |
| 35TX50B | CALL |
| 46EX3B | CALL |
| 46EX4B | CALL |
| 46UX12B | CALL |
| 46UX13B | CALL |
| 50EX6B | CALL |
| 50UX14B | CALL |

**MITSUBISHI**

| | |
|---|---|
| CS-31301 | 849 |
| CS-31302 | CALL |
| CS-35301 | 1289 |
| CS-35401 | 1429 |
| CS-35601 | 1809 |
| VS-4561 | CALL |
| VS-4562 | CALL |
| VS-5061 | CALL |
| VS-5062 | CALL |
| VS-5071 | CALL |
| VS-5072 | CALL |
| VS-6061 | CALL |
| VS-7071 | CALL |

**TOSHIBA**

| | |
|---|---|
| CF30C40 | CALL |
| CF30C50 | CALL |
| CF32C40 | CALL |
| CF32C50 | CALL |
| CX-32C80 | CALL |
| CX32C81 | CALL |
| CF35C40 | CALL |
| CX35C60 | CALL |
| CX35C80 | CALL |
| CX35C81 | CALL |

RCA-SHARP-PIONEER KARAOKE..CALL

### RECIEVERS

MONTHLY SPECIALS

| | | | |
|---|---|---|---|
| 80W PRO-LOGIC REC. | 199 | 125W PRO-LOGIC REC. | 659 |
| 100W PRO-LOGIC REC. | 269 | SUBWOOFER | 249 |
| 110W PRO-LOGIC REC. | 409 | SUB. W/4 SAT.SPEAKERS | 349 |

**JVC**

| | |
|---|---|
| RX-309TN | 145 |
| RX-509TN | 214 |
| RX-709TN | 285 |
| RX-905TN | 599 |

**SONY**

| | |
|---|---|
| STRD-790 | 249 |
| STRD-990 | 299 |
| STRD-1011 | 399 |
| STRD-2090 | 639 |

FOR OTHER BRANDS, PLEASE CALL FOR BEST PRICE

### CASSETTE DECKS

**JVC**

| | |
|---|---|
| TDW-209 | 119 |
| TDW-309 | 145 |
| TDW-709 | 181 |
| TDW-805 | 209 |

**SONY**

| | |
|---|---|
| TC-W690 | 199 |
| TC-WR790 | 254 |
| TC-WR875 | 319 |
| TC-C5 | 279 |

FOR OTHER BRANDS, PLEASE CALL FOR BEST PRICE

### CD PLAYERS

**JVC**

| | |
|---|---|
| CDP-297 | 114 |
| CDP-397 | 124 |
| CDP-497 | 145 |
| CDP-997 | 265 |
| CDP-C235 | 159 |
| CPD-C425 | 185 |
| CDP-C525 | 229 |
| CDP-C625 | 244 |

**SONY**

| | |
|---|---|
| XLF-207TN | 165 |
| XLV-161 | 104 |
| XLV-251 | 109 |
| XLZ-451 | 139 |
| XLM-307 | 139 |
| XLM-409 | 165 |
| XLM-705 | 249 |
| XLM-507 | 199 |

FOR OTHER BRANDS, PLEASE CALL FOR BEST PRICE

WE ALWAYS BEAT OUR COMPETITION'S PRICE!

ALL OUR PRODUCTS ARE FACTORY FRESH WITH FULL MANUFACTURERS USA WARRANTY
WE HAVE MORE MAIL ORDER EXPERIENCE THAN MOST OF THE ADVERTISERS COMBINED.!!
GIVE US A CALL WHEN YOU ARE READY TO PURCHASE FOR THE BEST PRICE AND BEST SERVICE!!!

35 WEST 35TH STREET
NEW YORK, N.Y. 10001

Circle 38 on Reader Service Card.


*continued from page 114*

104/109 min. LD $79.98. FoxVideo.

**Lonesome Dove**
1991. Robert Duvall, Tommy Lee Jones, Danny Glover; dir. Simon Wincer. Highly acclaimed epic tail of 2,500 mile cattle drive. Complete miniseries. LD box set includes one-hour documentary (NR) 360 min. CLV 6 sides. $124.99. Cabin Fever.

**Mickey Mouse: The Black & White Years**
1928-35. 34 restored and remastered shorts including the first appearances of Mickey, Pluto, Minnie and Goofy. Also featured are the first cartoon to be nominated for an Oscar and Mickey's first appearance in color. Mono. 256 min. 10 sides. $124.99. Walt Disney.

**Night and Day**
1946. Cary Grant, Monty Wooley, Mary Martin; dir. Michael Curtiz. The title might well describe the contrast between the wonderful candor of Cole Porter's lyrics and this dull and disappointing biopic. A real shame as Grant could have been the perfect Porter. Mono. (NR) 132 min. $39.98. MGM/UA.

**Star!**
1968. Julie Andrews, Richard Crenna; dir. Robert Wise. To commemorate the 25th Anniversary of the death of the old-style Hollywood musical, a special edition of the biopic of Gertrude Lawrence that brought about its final demise. Collector's edition includes interviews, photos, designs, storyboards, etc. Stereo, letterboxed. (NR) 172 min. $79.98. FoxVideo.

**Terminator 2: Judgement Day Special Edition**
1991. Arnold Schwarzenegger, Linda Hamilton, Robert Patrick; dir. James Cameron. Fulfilling the terminator's promise, three new editions of T2 containing 16 extra minutes and THX-approved transfers, bringing the total number of T2 laser editions to six. Surround. (NR) 152 min. LD letterboxed or pan-and-scan $49.95. CAV boxed set with supplement $119.95. Pioneer.

**Trapeze**
1956. Burt Lancaster, Tony Curtis, Gina Lollobrigida; dir. Carol Reed. Curtis gets retired trapeze artist (Lancaster) to show him the ropes, then battles him for talented and ambitious Gina. Swell sawdust melodrama with lots of great bodies in motion and in tights. Mono. 105 min. LD letterboxed $34.98. MGM/UA. ■

# HOME THEATER

*continued from page 27*

deal—you can pay $5 or $500, but the relationship between price and performance is not consistent. There are good inexpensive models, and overpriced do-nothing boxes. Although all surge suppressors will conquer some surges, the better models will handle higher surge voltages, and more thoroughly smooth out the smaller surges. The end result is that the better the surge suppressor, the longer a device connected to it will last—particularly the device's power supply, which often absorbs the brunt of abuse from surges.

Obviously, there's no reason to spend $500 on a surge suppressor for a $250 VCR. One good, affordable model appropriate for modest A/V systems is Recoton's C1960 ($25), which includes coax surge suppression. If you have RFI or EMI problems, check out Discwasher's SpikeMaster 1618 ($40), which has filters for these anomalies.

Those with high-end systems should investigate the Audio Power Industries line. This company's suppressors use highly effective RFI and EMI filters. Many audiophiles swear by them, claiming they make a dramatic improvement in the sound of their systems. Such effective filtering sure won't hurt the picture, either. The company's suppressors cost from $229 to $569.

When choosing a surge suppressor, make sure the unit you select has a UL (Underwriters Laboratories) 1449 listing. This listing, always printed on the product and packaging, tells you that the unit meets the minimum safety requirements for its intended use.

If you can afford it, buy a unit with a warranty that protects not only the surge suppressor itself, but also the equipment connected to it. Insuring mated gear is a new and very welcome practice. It's nice to know that if your Sony CD changer is charred, the surge suppressor manufacturer will pay to replace it. Of course, it's important to read the fine print on these warranties, as special grounding or hookups may be necessary for the warranty to be valid. Panamax's surge suppressors, priced from $89 to $299, include such a warranty.

Finally, if all else fails and a lightning bolt manages to fry your gear, it's always nice to know your insurance company has you covered. Many policies these days cover electrical spike damage, or have special riders or schedules that can be added for additional coverage. ■

## TECH TIP

### *Cleaning by cassette*

You can use a blank tape as an economical head cleaner. Start with a new cassette of a brand name you trust. Set your VCR for play or record and let the tape run for five to 10 seconds. This will help to remove oxide deposits on the VCR's heads. You can keep using the tape for this purpose if you don't rewind it along the way, or use it for recordings. Throw the cassette away when it's fully used.

Phil Hawkins
Warren, Ohio

ALL EQUIPMENT IS FACTORY FRESH WITH FULL MANUFACTURERS WARRANTY

# FACTORY DIRECT

Div.of THE SMARTER IMAGE
35 W. 35TH ST. NEW YORK, N.Y. 10001

BUYER'S CHOICE TOP RATED MAIL ORDER DEALER

OVERNIGHT DELIVERY GUARANTEED

INFORMATION (212) 564-4398 | PAL/SECAM (212) 564-4399 | 24 HR. FAX (212) 643-9727

**TELEVISIONS**
JVC-RCA-SONY
HITACHI-TOSHIBA
ZENITH-PIONEER
MITSUBISHI
PANASONIC

**(800) 695-3535**
FOR ORDERS ONLY

WHOLESALE PRICES DIRECT TO CONSUMERS

## HOME THEATER HEADQUARTERS, FOR LOW PRICE CALL (212) 564-4398

## PAL-SECAM- MULTISYSTEM UP TO 50% OFF!!!

RATED #1 IN SERVICE, SELECTION, AND SATISFACTION

AUTHORIZED DEALER - USA WARRANTY INCLUDED

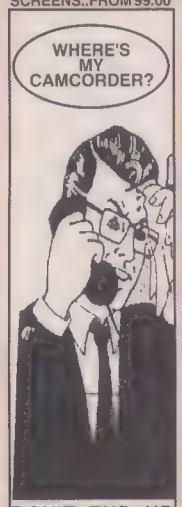
### PANASONIC
CAMCORDERS
PV-43.....769
PV-53.....CALL
AG-3.....2199
PV-IQ303.....539
PV-IQ403.....565
PV-IQ503.....649
PV-S63.....979
PV-760.....789
PV-S770.....949
*VCR'S*
PV-4351.....239
PV-4361.....289
PV-4362.....305
PV-S4366.....CALL
PV-S4380.....699
TV'S.....CALL

### GO-VIDEO
2070....479 3030....509
2030....499 CRP-02...78
3050.....659
3060.....CALL

### MITSUBISHI
HS-U48.....349
HS-U58.....369
HS-U59.....449
HS-U69.....599
HS-U82.....729

### SHARP
VL-HX10U.....PRICE
VL-HL30U.....749
VLL-72.....609
VL-MX7U.....589

### SHARPVISION
REBATE
NEW MODELS....CALL
XV-120ZU.....1999
101TUWL.....2829
XVS-250U.....4629
XV-H30.....2895
XV-10PU.....IN STOCK
SMA-80XV.....CALL
SCREENS..FROM 99.00




DON'T END UP LIKE THIS MAN! GIVE US A CALL!

### CANON
CAMCORDERS
UC-S5.....1149
UC-S3.....929
E-350.....689
E-520.....599
E-700.....699
A1 DIGITAL..1079
L-1.....1849
*ACCESSORIES*
WIDE LENS.....49
TELE LENS.....49

### RCA
CAMCORDERS
PRO-883HB....799
PRO-840.....569
PRO-930.....649
VR-800HF.....349

SERVICE CONTRACTS 50% OFF!

### HITACHI
CAMCORDERS
VMH-39A..LOW
VMH-38A.....PRICE
VME-53.....LOW
VME-55.....LOW
VM-S8200A.....PRICE
*VCRS*
VTF-370.....LOW
VTF-372.....PRICE
VTF-462.....LOW
VTF-551.....PRICE
VTS-772A.....CALL

### REMOTES
FOX-800.....45
ONE FOR ALL
4.....37 8.....58
6.....52 12.....69

### TV-VCR COMBO
13".....330

### PANASONIC
PVM-2021A.....429
PVM-2042.....LOW
PVM-2071.....PRICE

### VIDEO TAPE
*MAXELL - TDK*
*SONY - -FUJI*
T-30.....2.39
T-60.....1.99
T-120.....1.99
T-160.....2.69
T-120EHG.....2.39
T-160 HGX.....3.49
T-120 MASTER PRO4.29
T-120 S-VHS.....6.39
T-160 S-VHS.....9.29
T-180 S-VHS.....CALL
STC-30XRS.....7.29
8MM 60.....2.69
8MM 120.....2.89
Hi-8 MP60.....4.19
Hi-8 MP 120.....5.59
Hi-8 ME 60.....8.19
Hi-8 ME 120.....10.29
MAXELL BROADCAST
SONY PROFESSIONAL
FUJI H-471S PRO

### REWINDERS
8MM.....24.95
PRO 8MM.....59.95
VHS-C.....29.95
VHS.....8.95
BETA.....29.95
PROWINDER..59.95

### SONY
TR-101
989
TR-300.....979
TR-81.....749
TR-500.....IN STOCK
TR-31.....549
TR-61.....619
FX-420.....529
FX-520.....599
FX-620.....669
FX-710.....759
EVO150-TR.....1899
VX-3.....IN STOCK
*VCR*
SLV-400.....229
SLV-595HF.....309
SLV-700HF.....329
SLV-750HF.....369
SLV-900HF.....399
SLV-R5.....729
SLV-R1000.....879
BETA VCR'S.....CALL
*8MM*
EVC-100.....449
EVA-50.....319
EVS-2000.....CALL
EVS-3000.....1189
GVM-20.....539
GVS-50.....719

ALL ACCESSORIES IN STOCK!

### RICOH
R-17.....LOW
R18H.....PRICE

### NIKON
VN-330.....679
VN-750.....1099

### FUJI
F-120.....569
F-122.....LOW PRICE
H-128.....CALL
P-401.....319
P-701.....579

### MINOLTA
8-918....CALL
WIDE LENS..119

### JVC
GR AX-55U 599
GRM-7 PRO.....649
GR-SZ1.....1129
GRAX-35.....539
GRAX-55.....599
GR-AX50.....599
GRAX-75.....CALL
GRSX-90.....719
VCR
HR-J400.....199
HR-VP604.....299
HR-VP606.....329
HRJ-600.....269
HRVP-700.....369
HRS-4700...409
HRS-6800...539
HRS-4900.....LOW
HRS-6900.....569

### ACCESSORIES
JXS-V55.....339
JXS-300.....179
JXS-900.....449
RMV-50U.....LOW
CBV-510U.....PRICE
JXT-66.....149
JXT-88.....239
TV'S .....CALL
ACCESSORIES CALL!

### VIDEO BATTERIES
LENMAR...29.00
2 HOUR.....19.95
3 HOUR.....39.95
6 HOUR.....59.95
20 AMP HOUR.....124.95
10 AMP HOUR.....80.50

10,000 MAH BATT WILL RUN MOST CAMCORDERS FOR UP TO 7 HRS
WEIGHS UNDER 4 LBS COMES WITH CHARGER AND ALL CONNECTORS NOTHING ELSE REQUIRED
69

### TRIPODS
*SLIK*
523QF.....65
505QF.....115
506QF.....129
V-700 DOLLY.....52
722 HEAD.....55
*BOGEN*
3170....89 3150....239
3131....204 3183....435
3165....109 3144....35
3140....189 3145....36
*AMBICO*
0541.....64.95
0542.....59.95
0543.....47.95

### ELMO TRANSFER

### UNDERWATER
*EWA-MARINE*
UW HOUSING.....159
IKELITE.....CALL
SONY MPK.....CALL

### LIGHTS
*SUNPAK*
CV20S.....39.95
CV-20S AUTO.....54.95
CZ-200 AUTO.....49.95
CV300 AUTO.....84.95
SPARE BULB.....18.95

### MIKES
*AZDEN*
WMS-PRO.129.95
WRS-PRO...CALL
WM/T-PRO.....99.95
WHX-PRO.....157.95
DMH-80.....49.95
CAM-3.....41.95
WMS-200.....84.95
ECZ-770.....61.95
HS-V7.....16.95
TRANSFER-IT.....21.95
*NADY*
151VR/LT.....107
151VR/HT.....127
251VR/HT.....195
351VR/LT.....159
551VR/LT.....529
551VR/HT.....189
VC-100 BOOM MIC.....41
BM-500 STER. MIC....37
MCM-400.....42
AVM-300.....52
SAMSON-MR1
ST-2 (L)
ECM-144.....309
AT-831.....359
ECM-44.....359
SH-2
AT PR-4.....349
SHURE SM-58.....369
SHURE SM-85.....519
SUPER TD SERIES
ECM-144.....469
ECM-44.....509
ECM-77.....649

### VIDEO LENSES
TOKINA - RAYNOX
VIVITAR - KENKO
.05X WIDE.....39.95
2X TELE.....39.95
3.5X TELE.....84.95
4X TELE.....109.95
2.5-5X ZOOM.....329

### SIMA
SCREEN WRITER 99
PRO-EDIT3.....99
VIDEO PRO MAGIC FX-5 289
FX-4.....159
COLORWRITER.....199
SPM-2.....19.95
SPM-3.....29.95
SPM-4.....39.95
ALL PRODUCTS...CALL

STEADICAM JR
$349

### AMBICO
V-0635.....78
V-6310.....58
V-6306.....72
V-6305.....58
V-0629.....38
V-6350.....CALL
V-6300.....CALL

### VIDEONICS
EDIT MAKER 439
LIBRARIES.....39
THUMBS UP.....129
EQUALIZER.....199
SOUND MIXER....119.95
TITLEMAKER.....319

PAL / SECAM MULTI-SYSTEM
EUROPE - ASIA
AFRICA - MID EAST
S.AMERICA - AUST.
20 INCH TV.....319
VCR.....179

### CAMCORDERS
*8MM*
SONY 549
HITACHI 599
CANON 699
SHARP 599
*VHS*
PANASONIC.....599
HITACHI.....699
*VHS-C*
PANASONIC....599
JVC.....699
*TV-VCR*
*MULTI-SYSTEM*
PANASONIC
AIWA CALL
AKAI FOR
JVC OUR
SHARP LOW
TOSHIBA PRICES
SONY AND
HITACHI FREE
GRUNDIG ADVICE
PHILIPS

VIDEO TRANSFER $10 PER HR.

### PRO-VIDEO
PANASONIC
AG-455...1499
AG-460.....2279
AG-7450.....CALL
AG-7650.....CALL
AG-7750.....CALL
AG-1970.....1099
AGA-96.....309
WJ-AVE3.....339
WJ-AVE5.....1149
WJ-MX12.....1619
WJ MX-50.....3795
AG-W1.....1429
WJ-KB15.....179
WJ-TTL5.....209
AG-EP-60.....929
MONITORS
13".....FROM 229
20".....IN STOCK

FUTURE VIDEO
EC-1000.....CALL
EDIT LINK.....CALL
SOFTWARE.....CALL
EDIT LINK
V-STATION.....CALL
2000DT.....CALL

### MONITORS
M-329.....109
CITIZEN
MARK-2.....125
M-938...179
AC ADAPTOR.....19
DC CORD.....19
CASE.....17
SONY XVM-30.....329

### SONY PRO
DXC-325/327.....CALL
EVO-9700.....4689

### VIDEO PROJECTORS
FUJI P-40U.....269
FUJI P-701.....619
PANASONIC
PT-10L.....829
PT-30L.....LOW
PT-101Y.....PRICE
PT-301Y.....CALL
SONY.....CALL

### HOME OFFICE
TELEPHONES
AT &T LOW
SONY PRICES
PANASONIC CALL
FAX
SHARP LOW
MURATA LOW
CANON LOW
TOSHIBA PRICE
PANASONIC CALL
BROTHER.....299
FAX MACHINE
$199.95
COMPUTERS
APPLE CALL
MODEMS
HEWLETT PACKARD

### AUDIO
PIONEER.....LOW
SONY.....PRICE
JVC.....CALL

OTHER BRANDS IN STOCK

RECEIVERS
CD PLAYERS
CASSETTE DECKS
SPEAKERS
LASER DISC
KARAOKE
UP TO 50% OFF

### MINI COMPONENTS
SONY.....BIG
AIWA.....SALE
PIONEER.....GOING
JVC.....ON

### CAR STEREO
UP TO 50% OFF
SONY.....FOR
PIONEER.....LOW
ALPINE.....LOW
KENWOOD.....PRICE
SPEAKERS.....CALL

### PORTABLE CD
SONY
D-220....139 D421....229
D-121....109 D802....163
D-122....149 D808....189
D-822.CALL D828...CALL
JVC & AIWA..CALL
AIWA DAT IN STOCK!

### WALKMANS
SONY
WMFX-43.....72
WMFX-50.....112
WMGX-35.....99
WMD6-C.....265
AIWA
HSPX-1000.....249
HSJ-707.....152
HSJX-707.....279

### WATCHMAN
FD-285.....115
FDC-290.....105
FD-555.....119
FDL-380.....269
FDL-3500.....295
FDL-K400.....549

### HEADPHONES
SONY-MDR
V-600.....57
D-888XR.....107
WIRELESS
IF5K.....98
IF-310K.....89
IF-510K.....139
JVC HA-W70.....145
RCA WHP-101.124.95
NADY WH-90.....76
ARKON
IR-1200.....62.95

### RADARS
BEL
936W....105 966W.....185
956W....119 966STW....199
956WR..165 990-M.....175
UNIDEN
RD-6000W.....109
RD-7000W.....109

## WE SHIP WORLDWIDE

Quantity limited. We are not responsible for typographical errors. Our prices reflect cash price and are good for mail order only. Shipping and handling extra and non-refundable. Returns and exchanges must be within seven days, and are subject to a ten percent restocking fee. CA#001836061

МЫ ГОВОРИМ ПО-РУССКИ
SE HABLA ESPANOL

OPEN: MONDAY-FRIDAY 9AM-6PM
SATURDAY-SUNDAY 10AM-5PM

"WE ALWAYS BEAT OUR COMPETITION'S PRICE"

Circle 38 on Reader Service Card.

# CAMCORNER

*continued from page 28*

tape. (Later on in our cruise, we also experienced the waterfall effect.) When moisture condenses on the drum, the camcorder senses it and stops the drum, causing the tape transport to stop as well.

Manufacturers warn of this in different ways, which is why our two camcorders displayed different alerts. When it happens, the first step is to eject the cassette and leave the compartment open so the drum can acclimate itself. In time, the camcorder will adjust for the difference in moisture levels. It's really a rather simple solution, and we applied it successfully aboard the Wind Song. Just make sure you open the camcorder *before* going outside from a dry, air-conditioned room, or *before* going into air conditioning from a hot, muggy exterior.

You can also try to dry out the condensation by blowing warm air into the tape compartment with a portable hair dryer. But be very careful. Make sure the dryer is on its lowest heat setting, or on a heatless "air" setting. Monitor the dryer's heat. If it feels too hot, it probably is.

When we returned to the U.S., we spoke with Tony Aoki, a product manager for Sony, who said there are no significant differences in the way consumer camcorders respond to serious moisture and that waiting is the proper procedure. Our best advice for dealing with the disabling combination of air conditioning and muggy heat is to be patient. Your camcorder will recover. You cannot wipe the moisture off, as a friend unsuccessfully tried during a passage through the Panama Canal. You can avoid the dreaded dew by anticipating problem situations, but once it happens, only time will make it go away. If you are fortunate enough to be in an exotic locale, at least the wait for your camcorder to dry will be pleasant.

# MARIACHI

*continued from page 73*

two takes of everything and send them away," Rodriguez says. "It comes down to making a decision ahead of time on what you're going to use. I'd decide that I wanted a certain line in close-up, and live with that decision instead of shooting it from 10 different angles and deciding later."

Because Rodriguez' camera lacked synchronized sound, he had to record the audio for his Spanish-language movie separately using a standard cassette recorder and a cheap mic. "I'd shoot an entire scene, then get the tape recorder and tell the actors 'Repeat the last five things you said.' I'd sync it up later by hand." This method can result in what Rodriguez calls "rubber lips," where the actors and their words are not always in perfect sync.

To keep these shots out of the movie, he edited around them, cutting to other shots when necessary as the dialog plays over a scene. (Ironically, Columbia TriStar later had him dub in an English soundtrack for the home video release; subtitled and English-dubbed versions are both available in stores.) As a result of this technique—and because he usually had only one take of each shot to work with when constructing a scene in the editing room—there's more than 2,000 cuts in *El Mariachi*. Fortunately, this rapid-fire cutting only heightens the pace of the film's action.

Perhaps the greatest advantage Rodriguez had when making *El Mariachi* was that he never expected many people to see the film. Consequently, he felt free to experiment and learn on the fly. He and Gallardo had an ingenious plan for distributing *El Mariachi* that would also serve as a safety net of sorts if the movie didn't turn out like they hoped. "We were going to put it on the Spanish-language home video market," Rodriguez says. "It was the best film school I could think of—put in an investment of less than 10 grand, sell it for 20 and take that money and go make another film, then another." The first film was only intended to give Rodriguez the practice and confidence to make second and third *Mariachi* movies, the last of which he hoped would be good enough to serve as a personal "demo" tape and lead to a bigger budget for an American independent film. "That was the plan—it would have worked, too."

But the plan became moot when an agent saw *El Mariachi* and liked it enough to send it to Columbia Pictures. Columbia not only purchased the film, but signed Rodriguez to a two-year writing/directing contract. Initially, Rodriguez and Columbia agreed that he should remake the film—after all, if prints and advertising for a theatrical

*continued on page 126*


PAL SECAM MESECAM PAL SECAM MESECAM PAL SECAM MESECAM

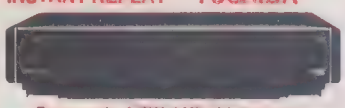
PAL & MULTI SYSTEM HEADQUARTERS OF AMERICA

ALL VIDEO, & T.V.'s for AFRICA, AUSTRIA, ENGLAND, FRANCE, GERMANY, GREECE, INDIA, ITALY, POLAND, RUSSIA, MIDDLE EAST & MANY OTHER COUNTRIES.

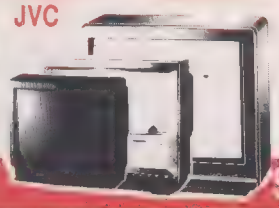
VCRs: AIWA, AKAI, HITACHI, INSTANT REPLAY, JVC, PANASONIC, SHARP, SONY, TOSHIBA

CAMCORDERS: CANON, JVC, NATIONAL, PANASONIC, RICOH, SANYO, SHARP, SONY

TELEVISIONS: FUNAI, GRUNDIG, HITACHI, JVC, SHARP, SONY, TOSHIBA



Panasonic AGW-1 World Converter



☆ IMPORTANT ☆

WE SELL VCRs THAT WILL PLAY AND CONVERT ANY SIGNAL FROM ANY COUNTRY. SEND TAPES OVERSEAS. SEE OVERSEAS TAPES IN THE U.S.A.

SPECIAL C.O.D. DISCOUNT WHOLESALE PRICES SPECIAL C.O.D. DISCOUNT

ALL CAMCORDERS COME COMPLETE W/ CHARGER, BATTERIES, CABLES & REMOTE CONTROLS. [illegible] CHECK THE COMPETITION IF THEY ARE FACTORY COMPLETE WITH ALL ACCESSORIES!

ELECTROWORLD, INC.

100 HWY 34 - HAZAWAWN N.J. 07747

545 HWY. 18 - E. BRUNSWICK, NJ 08816

FOR ALL INFORMATION 908-566-7100

FOR ORDERS ONLY 1-800-662-8559

FROM CANADA 1-800-344-2855

SUN 10-6 - MON-FRI 9-8

24 HOUR FAX (908) 566-8234

INTERNATIONAL WITHIN 7 DAYS IN FACTORY SEALED BOXES ONLY AND ARE SUBJECT TO RESTOCKING FEE. WE ACCEPT MASTERCARD - VISA - DISCOVER AND AMEX

Circle 20 on Reader Service Card.

# SOUND CITY DELIVERS!

## JVC C13CL3
**13" Color Television** $199
- On-screen menu system
- 180 ch cable ready tuner
- Full function remote control

## Hitachi CT2033B
**20" Color Television** $249
- On-screen menu system
- 24-button remote control
- 181 ch cable ready tuner

## CENTER CHANNEL SPEAKERS
**Advent Focus**
- Dual 4" full range drivers 10-70W handling

**Audio Source VS One**
- Tuned port design, dual 4" 1" dome tweeter

**Monitor Audio CC200**
- High quality center channel speaker

**Pinnacle PN50**
- Video shielded 2-way speaker

**Atlantic Technology 153C**
- Shielded with dual 3.5" drivers & 1/2" tweeter

CALL FOR BRANDS NOT LISTED

## LASER DISC PLAYERS
- Combi Laser Player
- 425 Lines of horizontal resolution
- 20 Programmable tracks
- Remote controlled • S-VHS

Orig. $599 NOW ONLY $379

## JVC HR-S6800U
NEW HRS4900 HRS6900

**Super VHS Hi Fi Stereo VCR** Orig. $995 NOW ONLY $569
- Double azimuth head system
- Full-fledged editing capabilities
- Multi-color/multi-language menu system
- Jog/shuttle on VCR & multi-brand remote

## Audio Source 4001 System
**Dolby® Pro Logic Home Theater System Includes:**
- SS4 Dolby® Pro Logic surround sound processor
- VS-One video shielded center channel full range speaker
- LS-Ten/A surround sound speakers

Adds To Your Existing System

Make Your Receiver Into A Home Theater System **CALL**

## Philips CD950
**High Performance Single CD Player** Orig. $750 NOW ONLY **CALL**
- DAC-7 Bitstream D/A conversion
- Remote control with 10-key keypad
- Auto select feature
- Dual digital output (coax & optical)

## PS Audio Digital Link
**Outboard Digital to Analog Converter** Orig. $799 NOW ONLY **CALL**
- 18-Bit, 8X oversampling decoding system
- Coaxial and optical inputs
- Can be used with any digital source, including CD players, DAT, Laser Disc

## Atlantic Technology Pattern 100
**Powered 3-Piece Speaker System** Orig. $549 $249
- 3-line, 1 high level input
- Rotating dual enclosure satellites
- Patented bass contouring circuit
- Dual 6 1/2" woofers

150 Home Theater 151LR, 154SR, 153C & Sub

## PHONES/ANSWER MACHINES
**Panasonic KX-T1000** $44.95
- Microcassette answering machine w/call counter

**Panasonic KX-T9000** $299
- 900 MHz long range cordless telephone

**Panasonic KX-T3940** $119
- Sound charger Plus technology cordless phone

**Panasonic KX-T3620** $64.95
- Cordless telephone with 10# automatic dialer

**Panasonic KX-T4400** $179
- Cordless phone/answering system, 10 ch, LCD

## TELEVISIONS
**TV/VCR Combos**
**16:9 Projections**
**Front Projection**
**Direct View from 8" - 40" Tubes**
**LCD Projection**

ALL MAJOR BRANDS

Guaranteed Lowest Prices

We Ship To Canada

## Philips CDC935BK
**Remote 5-Disc Carousel CD Chager** Orig. $300
- Bitstream D/A conversion
- FTS Favorite Track Selection
- Digital output • 4 edit modes
- 3-discs changeable during play

"BEST BUY" CONSUMER REPORTS AUDIO/VIDEO BUYER GUIDE

TO LOW TO ADVERTISE

## A/V TAPES (Minimum qty of 10)

| | | |
|---|---|---|
| Scotch T120EG | 120min VHS video tape | $1.89 ea |
| Scotch T120EXGHiFi | 120 min Hi Fi VHS tape | $3.99 ea |
| JVC T120SX | 120 min VHS video tape | $1.99 ea |
| Maxell XL2S90 | 90 min high bias audio tape | $1.89 ea |
| Denon HD8100 | 100 min audio tape (great for CDs) | $2.49 ea |
| Sony MDW74 | 74 min Mini Disc blank | CALL |
| JVC ST120XG | 120 min S-VHS video tape | $6.99 ea |
| Denon R120DT | 120 min DAT audio tape | CALL |
| JVC TC30EHG | 30 min VHS-C video tape | $4.49 ea |
| Sony P6120CV | 120 min 8mm video tape | $4.99 ea |

## PORTABLE AUDIO
**JVC RCB1 AM/FM/CD/Twin Cassette** $289
Active hyper bass, 30 presets, auto reverse, remote

**JVC RCX320 AM/FM/CD Twin Cassette** $139
Super bass horn, CD synchro, auto rec level control

**JVC PCX95 AM/FM/CD/Twin Cassette** $169
Super bass horn, Multi voltage, metal/chrome tape

**Sony CFD755 AM/FM/CD/Twin Cassette** $219
LCD music calendar, Mega bass, digital clock/timer

**Hitachi CXW500 AM/FM/CD/Twin Cassette** $229
Auto rev, remote, mic input, digital tuning, twin bass

**Panasonic RXDT675 AM/FM/CD/Dual Cass** LOW
Platnum series, remote, 4-band EQ, MASH DAC

**JVC RCQ50 AM/FM/CD/Cassette** CALL
Clock/timer, remote control, 30 station presets

**Panasonic RXDT680 AM/FM/CD/Dual Cass** LOW
Dual auto rev, 5-band EQ, clock/timer, remote

## Rock Solid
**Reference Mini Monitor**
- Magnetically shielded
- Stand/bracket included
- 5" poly woofer
- Useable in or outdoors

**TWIN BASS SUB AVAIL**

Orig. $299 ONLY **CALL** From The Makers Of B&W

## Solid TEAM
**Total Entertainment Audio Monitor**
- Magnetically shielded
- Designed for home theater applications
- Brackets included
- For use In/outdoors

**TEAM SUB AVAIL** **CALL**

## CAMCORDERS
**Ricoh R-16**
- 8mm camcorder
- 1 lux low light
- 10X power zoom

**CALL**

| | |
|---|---|
| Canon | E700, UCS3, UCS5 8mm Camcorders |
| Hitachi | VME53A, VME55A, VMSP1A (8mm) VMH38A, VMH39A (Hi8mm) |
| Sharp | VLH100U, VLE30U, VLE40U |
| Panasonic | PVIQ203, PVIQ303, PVIQ403, PVIQ503, PV43, PV53 |
| JVC | GRSZ1, GRAX75, GRM7U, GRAX25 GRS505, GRM3 |

## THE GREATEST VALUE EVER OFFERED ON A COMPLETE DOLBY® PRO LOGIC HOME THEATER

**INSTANT HOME THEATER ...ALL YOU ADD IS A TV AND A STEREO VCR!**

**The Atlantic Technology Pattern 200 Is A Complete Dolby® Pro Logic Surround Sound System Which Includes:**
- 5 Rotating dual enclosure satellites
- Dolby® Pro Logic system controller
- Remote control
- Bass/amplifier module (sub)

Orig $1500 SALE $699

## MAIL ORDER CALLS
To Order By Phone:
**1•800•542•7283**
To Order By Fax:
**1•201•838•2516**
Or Send Check, Cashiers Check or Money Order

Since 1986 SOUND CITY

## RETAIL STORE INFO
Meadtown Shopping Center
Rt 23, Kinnelon NJ 07405
**Call 201•838•3444**
**Mon-Fri 9-9 • Sat 9-6**

Factory Authorized for all brands we sell • Not responsible for typographical errors • NO refunds on video or car stereo products • 10 day defective exchange from date of receipt(except on video products) • All returns must be made within 10 days of receipt of merchandise & are subject to a restocking fee • Items must be in original condition and packaging • Shipping and handling not refundable • No Tax On Out Of State Purchases • Non-commissioned salesman • Next day and Second day delivery available.

Circle 39 on Reader Service Card.

VIDICOMP DISTRIBUTORS INC

We Will Beat any Authorized Stocking Dealers Price On Any Product We Carry

# Your Industrial/Professional Experts!

Export Inquires Welcome!
Se Habla Español

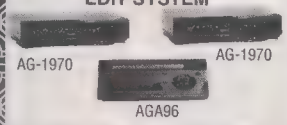
## Panasonic
S/VHS CAMCORDER

**AG-455**
S-VHS Camcorder/Source VCR for Editing, 12x. 2 Speed Zoom lens, 24x & 100x Digital Zoom, Digital Special Effects, Wipe, Fade, Mix, Strobe, etc. Special Effects

## Panasonic
CAMCORDER

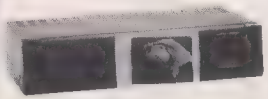
**AG-195**
VHS Camcorder with Digital Special Effects, 8x Zoom lens with 2 speeds, Digital 12x or 100x zooms, Digital Speical Effects like wipe, fade, strobe and mix.

## Panasonic
EDIT SYSTEM



AG-1970 AG-1970
AGA96
S-VHS/VHS editing, insert and assemble edit, Hi-Fi Stereo sound. Jog shuttle search, and Multiple programmable edits

## Panasonic
AG-EP60



**COLOR VIDEO PRINTER**
Capable of making prints from VCR's, Camcorders, Cameras, TVs and Computers. Split print features can produce passport photos.

## Panasonic
AG-7650 /AG-7750 /AG-A770

4 channels of audio, on screen menu, Pro SVHS editing system w/built-in digital TBC & noise reduction for excellent multi-generation dubbing quality, 4 CH of audio/on, screen menu for set-up and data, RS-422 controller has 128 event memory, auto-tag and split editing for fast and accurate editing (+/-0 frames accuracy w/TC)

## Panasonic
DS-2550 (WV-F250HB/ AG-7450/ WV-S290)

3 fit CCD camera package, 700 lines res. for excellent picture quality, SVHS docking recorder with amorphous heads for improved picture quality & long life, complete w/Fujinon 12x lens, shotgun mic & carring case.

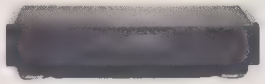
## Panasonic
WJ-MX50

Digital special effects switcher with 4 Y/C and/or composite inputs, 287 digital effects, 4 channel audio mixer w/ balanced XLR/line level audio inputs, chroma & luminance keyer, 2 channel color corrector. Also available WJ-MX30 and WJAVE-5.

## Panasonic
AG-3 WORLD'S SMALLEST 3 CCD CAMCORDER

Built-in digital TBC, digital signal processing, digital noise reduction for luminance, digital field NR for chrominance, manual iris, digital wipe, mix, still/strobe, snapshot.

## Panasonic
AGW1

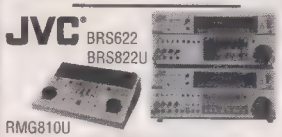


Multi standard VCR w/built-in standard converter, plays & redords PAL, NTSC, SECAM & other international formats.

## JVC
GYX2U

One piece camcorder 3 CCD Camera with full size S-VHS recorder built-in, very low light 3 lux, 13x or 17x optional lenses.

## JVC
BRS622
BRS822U
RMG810U

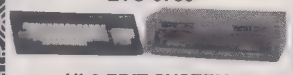


**PROFESSIONAL EDITING SYSTEM**
S-VHS insert and assemble editing. 4 channel audio, optional plug in time code and TBC's, self diagnostic warning system, automatic head cleaning, on screen menu display. Recorder has built-in single event recorder.

## SONY
EVW-300

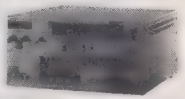
**3 CCD/HI-8 CAMCORDER**
One piece camcorder, very portable, High Density 1/2" IT CCD's AFM HiFi recording, 1.5" Viewfinder, Hi8 Time Code, Auto trace white balance. Please call for a detail brochure.

## SONY
EVO-9700



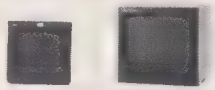
**HI-8 EDIT SYSTEM**
Single unit with built-in play and record VCR's, Assemble & Insert editing, S-Video In and Out connectors. Jog shuttle, dial search at19x the normal speed. Call for detail brochure - Monitor Optional.

## SONY
U-MATIC VTR's



U-Matic & U-Matic SP video players and recorders in stock for immediate delivery. Some of the model numbers we stock VP-7020, VO-7600, VP-9000, VO-7600, VO-9600 and VP-7040.

## SONY



**VIDEO MONITORS**
We carry different size 8" to 32" video monitors with 400-900 lines of resolution. Some of the models we stock: PVM-8041, PVM-5340, PVM-1390, PVM-2220, PVM-1341, PVM-1342, PVM-2040, PVM-1942, PVM-2030

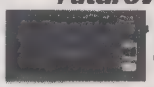
## VIDEO/DATA PROJECTORS

Several different brands of video and data projectors available. Please tell us your application and we will recommend one suitable for your needs.

## LCD PROJECTORS

We carry Panasonic and other name brand LCD video projectors. Please inquire for current model numbers and pricing.
PT-30L

## FutureVideo
EDIT CONTROLLER



Featuring the EC-1000 "Pro Mk II" w/a built in RS-232 port for computer control. Hrs., min., sec., frame display. Reads RC time code. 8 scene memory. Compatable w/ control L&S VTRS and Panasonic AG-1960/1970.

## VIDEONICS

**TITLE MAKER**
Over 400 lines resolution, Several different font styles, Outline and Drop shadow, Scrolling many different backgrounds. An excellent product at a valued price.

## SAMSON
WIRELESS MICS

MR1 Compact receiver with dbx noise reduction. Removable flexible antenna, uses 9V battery. There are several diffent Lavaliere and Hand held microphone options available suited for different types of application. Microphones used are Shure or Sony. Please call for recommendations.

## BATTERY BELTS
Battery belts available in 12Volts or 24Volts with 6, 12, 20 or 30 AH power. Both cigarette lighter or 4 pin XLR output available. Please specify when ordering.

## anton bauer BATTERIES
Industry standard BRICK batteries in different series (Pro-pack, Logic or Digital Pro-pack) available. The state of art battery system for all manufacturers of cameras & VTRS.

## lowel
LOWEL LIGHTS

Complete kits available with 2/3/4 lights. FREE CASE INCLUDED.

## DEMO/USED EQUIPMENT

| | | | |
|---|---|---|---|
| 1 For-A | #FA-740 | Dual TBC w/effects | $4995 |
| 1 Ferral | #6119YC | 6Input Y/C switcher | $3995 |
| 3 Iden | #TBC Cards | PC based TBC | $595 |
| 3 Iden | #TR-7 | Remote for above | $150 |
| 1 Pan | #AG6020 | VHS time lapse | $495 |
| 1 JVC | #MI-2000 | 10 input AC/DC mixer | $395 |
| 1 Pan | #CT2581VY | 25" Monitor/receiver | $495 |
| 3 Pan | #CT2581Y | 25" Monitor | $449 |
| 1 Sony | #GVM-1311Q | 13" Multi scan/multi sy | Call |
| 8 -Pan | #CT2083Y | 20" Monitor | $335 |

**Special Tape Sale Please Call!**

**PANASONIC JVC SONY PROFESSIONAL / INDUSTRIAL AUTHORIZED DEALER SERVICE CENTER**

**VIDICOMP DISTRIBUTORS INC.**
232 West 38th Street, Houston, TX 77018
Order **1-800-622-6599** USA & Mexico

Open Monday - Friday 9:00 a.m. - 6:00 p.m. Central Time
Houston & Customer Service **(713) 694-6400**
Fax **1-800-833-1960** or **(713) 699-6700**

AMERICAN EXPRESS DISCOVER MasterCard VISA

**Miami Office NOW OPEN!**
6303 Blue Lagoon Dr., Suite 110, Miami, FL 33126
(305) 265-9339 Fax (305) 265-1164

All merchandise shipped with manufacture supplied accessories. Extended warranties available on some proudcts. We ship within one working day via UPS or Federal Express. Prices quoted over the phone are for mail order only. In store prices may be slightly higher. All prices quoted are F.O.B. Houston & all sales are final. Defective mechandise must be exchanged within 10 days of receipt of goods. Please call for exchange authorization. All prices subject to change without notice. Vidicomp is an authorized GSA Supplier

Circle 40 on Reader Service Card.

NY RESIDENTS
CALL 800-897-4793
INFORMATION
CALL 718-265-6800
FAX 718-265-1754
CUSTOMER SERVICE
CALL 718-265-1723
MOST MAJOR CREDIT CARDS

**OVERNIGHT SHIPPING**
AVAILABLE

# COAST TO COAST

## 1-800-788-5555

STORE HOURS
SUNDAY 10:00-6:00
MON-THURS 9:00-8:00
FRIDAY 9:00-4:00
SATURDAY CLOSED
2570 86 STREET
BKLYN NY 11214

**SATISFACTION GUARANTEED**
WITHIN 15 DAYS

NEW YORK CALIFORNIA FLORIDA ARIZONA TEXAS MONTANA

ILLINOIS NEW ORLEANS COLORADO NEW JERSEY WASHINGTON

## Panasonic

### CAMCORDERS
PV-IQ503 ....697.97
PV-IQ403 ....607.97
PV-IQ303 ....557.97
PV-IQ203 ....547.97
PV-810 ....582.97
PV-800 ....547.97
PV-760 ....797.97
PV-S770 ....967.97
PV-S372 ....CALL
PV-362 ....FOR BEST
PV-332 ....PRICE!
PV-S63 ....1047.97
PV-S62 ....977.97
PV-53 ....897.97
PV-43 ....847.97

### PROFESSIONAL
AG-3 ....CALL
AG-195 ....FOR
AG-460 ....BEST
AG-455 ....PRICE

### VHS VCRS
PV-S4380 ....727.97
PV-S4366 ....447.97
PV-4362 ....337.97
PV-4361 ....307.97
PV-4351 ....267.97
PV-4314 ....237.97
PV-4311 ....217.97
PV-4301 ....197.97
PV-4264 ....367.97
PV-4210 ....207.97
PV-2301 ....177.97

### PROFESSIONAL
AG-W1 ....1497.97
AG-5700 ....CALL
AG-1970 ....1199.97
AG-1740 ....CALL

### MIXERS
WJ-AVE5 ....CALL
WJ-MX12 ....FOR
WJ-MX30 ....BEST
WJ-MX50 ....PRICE

### MONITORS
CT-1383Y ....BEST
CT-2083Y ....PRICE

## TOSHIBA
M459 ....CALL
M649 ....FOR
M659 ....OUR
M758 ....BEST
M759 ....PRICE!
TELEVISIONS AVAILABLE ....CALL

## GO.VIDEO
2030 ....488
3020 ....CALL
3040 ....FOR
3050 ....OUR
3060 ....BEST
3060 ....PRICE

## JVC

### CAMCORDERS
GR-SZ1 ....1237.97
GR-SX90 ....707.97
GR-M7U Pro ....687.97
GR-M5U ....557.97
GR-M3U ....477.97
GR-AX25U ....537.97
GR-AX35U ....567.97
GR-AX55U ....637.97
GR-AX75U ....877.97

### VHS VCRS
HR-S6900 ....SUPER
HR-S6800 ....547.97
HR-S4900 ....CALL
HR-S4700 ....437.97
HR-VP700 ....367.97
HR-VP606 ....337.97
HR-VP604 ....317.97
HR-VP404 ....CALL
HR-J600 ....287.97
HR-J400 ....207.97
HR-J200 ....180.97

### VIDEO EDITORS
JX-S900 ....447.97
JX-S300 ....187.97
MZ-707 MIC ....127.97
JX-SV55 ....327.97
JX-T88 ....257.97
JX-T66 ....137.97

### RECEIVERS
RX-309 VTN ....137.97
RX-509 VTN ....207.97
RX-709 VTN ....267.97
RX-809 VTN ....337.97
RX-905 VTN ....577.97
RX-1050VTN ....837.97

### CD PLAYERS
XL-F206BK ....CALL
XL-F106BK ....CALL
XL-M409TN ....167.97
XL-M509TN ....217.97
XL-V161TN ....107.97
XL-V261TN ....117.97
XL-Z451TN ....127.97
XL-Z1050TN ....437.97

### CASSETTE
TD-R441TN ....CALL
TD-W209TN ....117.97
TD-W309TN ....137.97
TD-W709TN ....CALL
TD-V661TN ....CALL
TD-V1050TN ....367.97

### MINI SYSTEMS
MX-C9 ....727.97
MX-C7 ....577.97
MX-C5 ....427.97
MX-S4 ....357.97
MX-S2 ....287.97

## YASHICA
3 YEAR WARRANTY
KX-V1 ....LOW
KX-V10 ....LOW
KX-35 ....LOW

## SONY
CAMCORDERS
VHS VCRS
8MM VCRS
LASER DISCS
RECIEVERS
CASSETTE DECKS

## HITACHI

### CAMCORDERS
VMS-8200A S-VHS ....CALL
VM-2600A VHS ....FOR
VM-1600A VHS ....BEST
VME-53A AAI T SYS ....PRICE
VME-55A STABILIZER ....CALL
VME-57A HI-8MM ....FOR
VMH-38A EIS 16X ZM ....BEST
VMH-39A COLOR EIS ....PRICE

### VCR'S
VTM-171 ....CALL
VTM272A ....FOR
VTM-370A ....OUR
VTM-372A ....BEST
VTF-462 ....LOW
VTF-772 ....PRICE

## Nikon

### CAMCORDERS
VN-330 ....LOW
VN-340 ....LOW
VN-550 ....LOW
VN-720 ....LOW
VN-750 ....LOW
WE CARRY A FULL LINE!

## RICOH

### CAMCORDERS
R-16 ....LOW
R-17C ....LOW
R-18H ....LOW
R-87H ....LOW
3 YEAR WARRANTY AVAILABLE

## MITSUBISHI
AUTHORIZED

## VIDEO TAPES
FUJI DOUBLE COATED
MAXELL TDK
SONY JVC

## Canon

### CAMCORDERS
E-520 ....597.97
E-350 ....CALL
E-250 ....BEST PRICE
UC-20 ....697.97
UC-S3 ....LOW
UC-S3 ....1027.97
UC-S2 ....747.97
UC-1 COLOR ....847.97
UC-1 ....617.97
A-1 DIGITAL ....1142.97
L-1 ....IN STOCK

## SHARP
VL-N1U ....567.97
VL-HL100U ....1397.97
VL-L63 ....CALL
VL-L72U ....617.97
VL-L63U ....LOW
VL-L63 ....CALL

## RCA

### CAMCORDERS
CC-178 ....CALL
CC-188 ....FOR
CC-190 ....BEST
CC-412 ....PRICE
PRO 808 ....CALL
PRO 830 ....FOR
PRO 840 ....BEST
PRO 883 ....PRICE
PRO 930 ....LOW

### VCR'S
800HF 8MM ....CALL
VR-319 ....FOR
VR-321 ....BEST
VR-323 ....PRICE
VR-501 ....CALL
VR-506A ....FOR
VR-526A ....BEST
VR-537HF ....PRICE
VR-601HF ....CALL
VR-658HF ....FOR
VR-664HF ....BEST
VR-667HF ....PRICE
VR-720HF SUPER ....LOW

WE CARRY A FULL LINE OF CAMCORDERS & VCR'S
CALL FOR BEST PRICE!

## Quasar

### CAMCORDERS
VM-100 ....CALL
VM-530 ....FOR
VM-535 ....BEST
VM-539 ....PRICE

### VCR'S
VH-230 ....CALL
VH-430 ....FOR
VH-434 ....BEST
VH-435 ....PRICE
CALL FOR FULL LINE!

## PIONEER

### RECEIVERS
SX-201 ....CALL
SX-251R ....FOR
SX-312R ....BEST
VSX-402 ....PRICE
VSX-452 ....CALL
VSX-502 ....FOR
VSX-512S ....BEST
VSX-D602S ....PRICE
VSX-D702S ....LOW
VSX-D902S ....LOW
VSX-D1S II ....PRICES

### LASER DISCS
CLD-M90 ....BEST
CLD-2090 ....PRICE
CLD-3090 ....BEST
CLD-S201 ....PRICE
CLD-M301 ....BEST
CLD-M401 ....PRICE
CLD-D502 ....BEST
CLD-D702 ....PRICE

### KARAOKE
CLD-V510 ....CALL
CLD-V710 ....FOR
CLD-V720 ....LOW
CDL-V820 ....PRICE

### COMPACT DISC
PD-M502 ....BEST
PD-M552 ....PRICE
PD-M702 ....BEST
PD-M802 ....PRICE
PD-M901 ....BEST
PD-M902 ....PRICE
PD-TM2 ....BEST
PD-TM3 ....PRICE

### CASSETTE
CT-W302R ....BEST
CT-W402R ....PRICE
CT-W502R ....BEST
CT-W602R ....PRICE
CT-W802R ....BEST
CT-WM62R ....PRICE

"WELCOME TO THE ART OF ENTERTAINMENT"

## VIDEONICS
TITLEMAKER ....337.97
THUMBS UP ....147.97
EDIT MAKER ....447.97
VIDEO EQUALIZER ....207.97
GRAPHICS LIBRARY ....37.97

## CITIZEN
CITIZEN ....CALL

## sima
SCREENWRITER ....107.97
SIMA EDIT 2X ....137.97
FX ED/IT 5 ....CALL
FX ED/IT 4 ....197.97
ED/IT 3 ....167.97
ED/IT 2 ....87.97
WE CARRY A FULL LINE!

THESE ARE PHONE & MAIL ORDER PRICES ONLY IN STORE PRICES VARY. IF YOU ARE PLANNING ON COMING TO THE STORE PLEASE CALL IN ADVANCE FOR STORE AVAILABILITY & RESERVATION OF MERCHANDISE. WE WELCOME MOST MAJOR CREDIT CARD. COD WELCOME, MAIL ORDER & CERTIFIED CHECKS. ALLOW 3-4 WEEKS FOR PERSONAL CHECK CLEARANCE. PLEASE CALL CUSTOMER SERVICE FOR PRIOR RETURN AUTHORIZATION # BEFORE SHIPPING. SHIPPING & HANDLING ■ NON REFUNDABLE. ALL RETURNS SUBJECT TO RESTOCKING FEE. ALL RETURN MUST BE IN ORIGINAL MINT CONDITION WITH UNFILLED WARRANTY CARDS. NO EXCEPTIONS. SOME ITEMS LISTED ARE PARALLEL IMPORT AND DO NOT CARRY USA WARRANTY. USA MANUFACTURERS WARRANTY MAY ■ ADDITIONAL. NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

COMPUTER VIDEO
DATA VISION
40 EXCHANGE PL,SUITE 1515 NY,NY 10001
1•800•482•7466
CALL TOLL FREE ANYWHERE IN U.S.A.•OPEN 7 DAYS 8:30AM-11PM

Panasonic

PV-IQ503
FEATURES:
• 10 x 1 ZOOM
• VHS-C
• HI-FI STEREO
• 1 LUX
• VIDEO LIGHT
$698

PV-53
FEATURES:
• 20 x 1 ZOOM
• VHS-C
• 1 LUX
• IMAGE STABILIZATION
• COLOR VIEWFINDER
CALL

PV-IQ403
FEATURES:
• 10 x 1 ZOOM
• VHS-C
• 1 LUX
• VIDEO LIGHT
$648

PV-IQ303
FEATURES:
• 10 x 1 ZOOM
• VHS-C
• 1 LUX
• VIDEO LIGHT
$588

PV-43
FEATURES:
• 20 x 1 ZOOM
• VHS-C
• 1 LUX
• IMAGE STABILIZATION
• COLOR DIGITAL FADE
$818

PVS-63
FEATURES:
• 20 x 1 ZOOM
• S-VHS
• HI-FI STEREO
• 1 LUX
• DIGITAL EIS
• COLOR DIGITAL FADE
$1038

| VHS-C | | FULL SIZE VHS | |
|---|---|---|---|
| PV-S62 | [illegible] | PVS-770 | [illegible] |
| PV-IQ-203 | $878 | PV-760 | $828 |
| PVS-372 | $948 | PV-750 | $748 |
| PV-362 | $748 | PV-800 | $588 |
| PV-332 | $588 | PV-810 | CALL |

Panasonic INDUSRIAL

AG-455
• 12 x 1 ZOOM
• HI-FI STEREO
• 1 LUX
$1588

AG-3
FEATURES:
• 20 x 1 ZOOM
• 3 CCD CHIPS
• COLOR FINDER
• IMAGE STABILIZATION
$2588

Accu Gear

| | |
|---|---|
| GR-M7U | $698 |
| GRSX-90 | $698 |
| GRAX-75 Digital EIS | $898 |

AVH-1
FEATURES:
• 250' DEPTH RATING
• MAIN POWER ON/OFF
• BEEP ANNOUNCEMENT
• START/STOP RECORD
$888

AVH-2Z
FEATURES:
• 250' DEPTH RATING
• MAIN POWER ON/OFF
• BEEP ANNOUNCEMENT
• START/STOP RECORD
ZOOM CONTROL
$688

Made In The U.S.A

Circle 42 on Reader Service Card.

run were going to cost hundreds of thousands of dollars, why not put more money into the project itself? But when test audiences liked the film as it was, Columbia decided to go with it. "It was like a dream and a nightmare at the same time to think that the movie was suddenly going out all over the country," Rodriguez says. "We were afraid of what people were going to think. But they liked it." *El Mariachi* went on to win the Audience Award at Robert Redford's prestigious Sundance Film Festival.

*El Mariachi* reached an even bigger audience upon its videocassette release last summer, but aspiring filmakers need look no further than Columbia TriStar's recent laserdisc edition of the film for frank advice about shoestring moviemaking. A devoted laserphile, Rodriguez had heard directors do running analog-track commentaries on disc, so he asked Columbia if he could do one too. He thought his comments would contrast amusingly with those of masters like Martin Scorsese. "It took me 10 hours to do the commentary because I wanted to pack it with information," he says.

As described on the laserdisc, Rodriguez' budget-cutting techniques—such as making his actors wear the same clothes throughout the movie so he could later cut disparate scenes together if needed—will amuse even those with no interest in making their own films. But Rodriguez is fully aware of how valuable his experience can be to others: "I think the laserdisc will be used in film schools for a while because they just don't teach you how to make a movie like this with no crew and no money. They only teach you how to make big-budget movies, so when you graduate you can go to Hollywood and get a job pulling cables on someone else's film."

Toward the end of his laserdisc commentary, Rodriguez reveals the central secret to making a $7,000 movie: Don't make a film print of your work. Rodriguez transferred his negative straight to video, and never touched the negative again. He recommends editing on 3/4-inch "tape-to-tape straight-cut video editing decks," and using standard videocassettes of the finished movie to show potential distributors. Most first-time filmmakers, he explains, spend $20,000 right off the bat to make a 16mm work-print of their film. But the truth is that if a distributor wants your film, they'll pay for film prints—they'll need a 35mm blow-up with a new sound mix anyway. So once again, basic video technology provides a necessary key to success in the world of big-time theatrical filmmaking.

Currently hard at work on his first true studio film—a second *Mariachi* movie as originally planned, only with a $5 million budget courtesy of Columbia Pictures—Rodriguez is still living by his original do-it-yourself ethic. "We're shooting on 35mm film, which is a lot of fun," he says. "But it's still guerrilla filmmaking—I'm operating the camera again, and I'm going to edit again myself. Los Lobos is doing the music, and it's the first movie made in the U.S. with a Mexican action hero and a mostly Latino cast." The director found another original use for all that studio money: "It'll be in both English and Spanish—we're shooting two versions at once."

Rodriguez has nothing but encouraging words for fellow videophiles who long to make the leap to the big screen. "Don't listen to film snobs who tell you to quit playing with video. Every filmmaker has at least 30 bad movies in him, and the sooner you get 'em out the better off you are. I learned on video and switched over to film, and it was no big deal—the principles are the same. So if you want to make films, make videos first. It's the only way you're going to learn." ■

TECH TIP

## *Magic mic*

One of the best mics we've found for recording music with a camcorder is the Realistic 33-1090 PZM (Pressure Zone Microphone), available at Radio Shack. This mic uses a metal base about five inches square. Sound enters the mic only after reflecting off the base. This eliminates the comb filter effect caused by both direct and reflected sound entering a mic. The result is remarkably clear, uncolored sound for a $60 mic.

This mic works well for mono recordings, and a pair works beautifully for stereo recordings. The mics have mounting holes, so it's easy to make a simple wooden bracket to hold them at any angle you choose. Start with the mics at about a 90-degree angle; try increasing the angle if you need to enhance stereo separation.

Unfortunately for home videographers, the PZM has a 1/4-inch plug, and most camcorders have a 1/8-inch stereo mic jack. We know of no direct dual-mono 1/4-inch to stereo 1/8-inch adapter. The best solution is to make your own adapter from shielded audio cable, two 1/4-inch inline jacks (Radio Shack part 274-340) and a 1/8-inch stereo plug (part 274-284). You can try using a patchwork of several commercially available adapters, but it will probably be awkward and undependable.

**—Brent Butterworth**

COMPUTER VIDEO

# DATAVISION

OVERNIGHT DELIVERY GUARANTEED FOR CHRISTMAS

**1•800•482•7466**

**2509 AVENUE U, BROOKLYN N.Y 11229**

## SONY

### TR-101
FEATURES:
- 10:1 ZOOM
- DIGITAL SUPERIMPOSER
- DIGITAL FADER
- RC TIME CODE

Hi 8

**$1068**

### TR-91
FEATURES:
- HI-FI STEREO
- 10 x 1 ZOOM
- PROGRAM AE
- OPTICAL IMAGE STABILIZER
- COLOR VIEWFINDER

**$848**

### TR-200
FEATURES:
- QUICK AUTOFOCUS
- HANDYCAM STATION
- READYCHARGE SYSTEM
- 3 MODE PROGRAM AE
- HI-FI STEREO SOUND
- 8:1 ZOOM

**$768**

### CCD VX3
Hi 8

FEATURES:
- 1/3" PRECISION CCD
- DIGITAL COLOR NOISE REDUCTION
- BUILT-IN NEUTRAL DENSITY FILTER
- 12:1 ZOOM
- 2 PAGE DIGITAL SUPERIMPOSER
- RC TIME CODE

**$2788**

### TR-61
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

**$598**

### FX-520
FEATURES:
- 2 LUX MINIMUM ILLUMINATION
- 3-MODE PROGRAM AE
- DIGITAL FADER
- TILT-UP SPORTS VIEWFINDER
- WIRELESS REMOTE

**$628**

| | |
|---|---|
| TR-500.....NEW | FX-710....$768 |
| TR-300....$948 | FX-620....$648 |
| TR-65.....NEW | FX-420....$578 |

## YASHICA

Hi 8

### R-18H
FEATURES:
- 10:1 ZOOM
- DIGITAL SUPERIMPOSER
- DIGITAL FADER

**CALL**

### R-16
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

**CALL**

### R-17
FEATURES:
- HI-FI STEREO
- 10 x 1 ZOOM
- PROGRAM AE
- OPTICAL IMAGE STABILIZER
- COLOR VIEWFINDER

*6 Year Warranty*

**CALL** **AUTHORIZED DEALER**

## HITACHI

### VM-E53A
FEATURES:
- 16 x 1 ZOOM
- PROGRAM AE
- 2 LUX
- TTL FOCUSING
- MULTIBRAND REMOTE
- FLYING ERASE HEAD

### VM-E55A
FEATURES:
- 16 x 1 ZOOM
- DIGITAL EIS FADE
- 1 LUX
- TTL FOCUSING
- MULTIBRAND REMOTE
- FLYING ERASE HEAD

**IMAGE STABILIZER**

### VMH-38A
FEATURES:
- 64x ZOOM
- 2 LUX
- DIGITAL EIS
- SPECIAL EFFECTS

### VMH-39A
FEATURES:
- 64x ZOOM
- 2 LUX
- DIGITAL EIS
- SPECIAL EFFECTS
- HIGH-SPEED SHUTTER

Hi 8

**COLOR VIEWFINDER**

*2 Year Warranty*

**AUTHORIZED DEALER**

## SHARP

### VL-E30
FEATURES:
- 8:1 ZOOM
- 3" LCD COLOR
- FLYING ERASE HEAD
- DIGITAL EFFECTS
- NEURO AE

**$998**

VLH-100U.....CALL

## Canon

Hi 8

### UC-S3
**$1048**

### UC-S5
**$1098**

*Canon Credit Cards Accepted*

## YASHICA

### KX-V35
FEATURES:
- 10:1 VARIABLE ZOOM
- BUILT-IN WIDE ANGLE
- 4-MODE PROGRAM AE
- WIRELESS REMOTE

**CALL**

*3 Year Warranty*

## RCA

### PRO-840
FEATURES:
- 12:1 ZOOM
- 1 LUX
- FLYING ERASE HEAD
- COLOR ENHANCEMENT LIGHT
- SCENE SELECT AE

**$788**

Circle 42 on Reader Service Card.

RETURN OR EXCHANGE MAY BE MADE WITHIN 10 DAYS AFTER PRIOR AUTHORIZATION. ALL RETURNED MERCHANDISE MUST BE IN ORIGINAL NEW CONDITION AND INCLUDE BLANK WARRANTY CARDS. RETURNS RE-STOCKING FEE MAY APPLY. SHIPPING & HANDLING NON-REFUNDABLE. UNDERWATER EQUIPMENT NON-REFUNDABLE. WE RESERVE THE RIGHT TO LIMIT QUANTITIES. THIS AD VALID FOR MONTH OF ISSUE. NOT REPSONSIBLE FOR TYPOGRAPHICAL ERRORS CUSTOMER SERVICE MON-FRI 9AM-5PM E.S.T.

CHRISTMAS SALE!

Save on cable rental fees!

CABLE TV DESCRAMBLERS

WE'LL BEAT ANY PRICE!

JERROLD–TOCOM–ZENITH
HAMLIN–OAK–PIONEER
SCIENTIFIC ATLANTA

•24 HOUR SHIPMENTS!
•30 DAY MONEY BACK GUARANTEE!
•QUANTITY DISCOUNTS!

MASTER CARD / AMEX / VISA / C.O.D

MasterCard AMERICAN EXPRESS VISA

Have make and model number of equipment used in you area ready.

CALL TOLL-FREE
1-800-284-8432

CABLE WAREHOUSE
10117 West Oakland Park Blvd.,
Suite 315, Sunrise, FL 33351

MEMBER NCCA

Anyone implying theft of service will be denied assistance. NO FLORIDA SALES

Circle 45 on Reader Service Card.


## $14.98 FEVER

*continued from page 88*

performance as British punk-rock icon Sid Vicious in the brilliant 1986 tragicomedy *Sid & Nancy*. Joined by the equally remarkable Chloe Webb in the role of his American girlfriend Nancy Spungen, this gruesome twosome pushes the stereotype of the rock 'n' roll lower to absurd extremes of witless, self-destructive nihilism, unredeemed by artistic achievement. Against all odds—and standards of good taste—the more-or-less true tale of the ill-fated Sex Pistols star comes off more funny than touching, suggesting the Three Stooges on heroin. Now *there's* an unsettling thought. **—JY**

**Stalag 17 (Paramount).** William Holden won a well-deserved Oscar in Billy Wilder's 1953 adaptation of the Broadway hit *Stalag 17*. Held captive in a German POW camp and interested only in his own survival, loner Holden mocks the patriotism of his fellow prisoners while exploiting them by running a black-market operation. But when he's accused of being a spy for the Germans, he must root out the real traitor to prove his innocence (and save his life). Intelligently suspenseful, but also very funny in the raunchy boredom-fighting antics of the camp's prisoners (particularly Robert Straus and Harvey Lembeck).

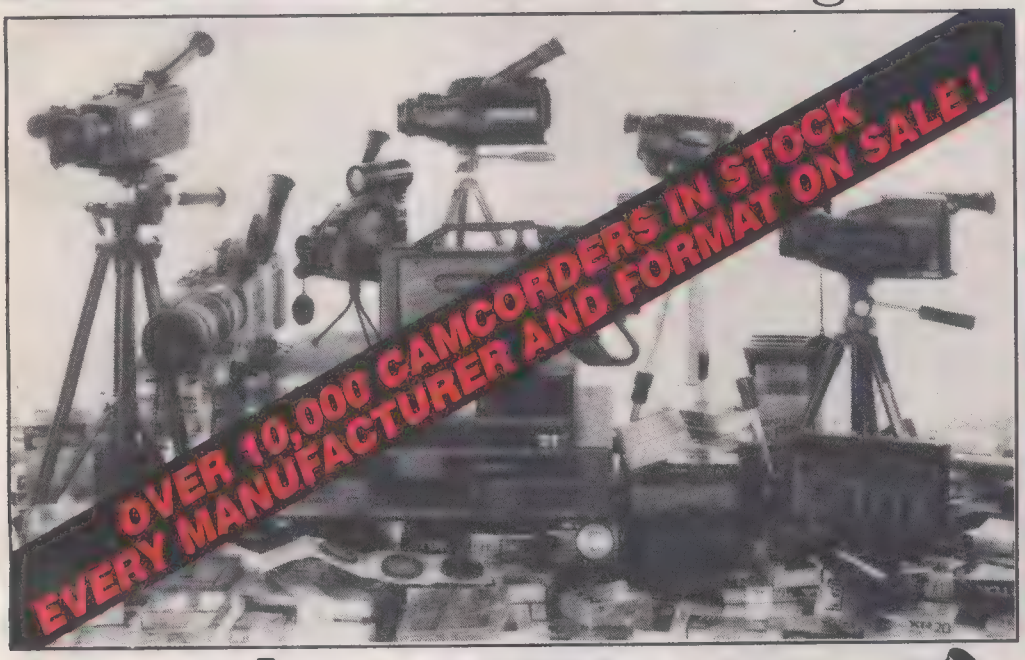
**The Stepfather (New Line).** Vaguely inspired by the John List case, this may well have been the best American thriller of the '80s. A teenage girl (Jill Schoelen) is sure there must be *something* wrong with the "perfect" man (Terry O'Quinn) her widowed mom just married. The audience already knows what: He's a psycho obsessed with being the dad of a TV-sitcom-perfect American family, and when the families he marries into don't conform, he cancels their series and moves on. The script is taut and loaded with juicy lines, the unheralded stars are terrific, and director Joseph Ruben (*The Good Son*) gets the maximum in satiric humor and genuine thrills. Avoid the sequels. **—SLS**

**Used Cars (Columbia TriStar).** Anyone dazzled by the manic energy of director Robert Zemeckis should check out *Used Cars*, which established the freewheeling tone that paid off for him in *Back to the Future*, *Romancing the Stone*, et al. This raucous farce practically bursts through the screen, thanks in part to Kurt Russell, who plays a sleazy used-car salesman (if that's not redundant) with buccaneer bravado. Jack Warden nearly steals the show as feuding twin-brother auto dealers, one simple and decent, the other rotten. ▶

# SIXTH AVENUE ELECTRONICS℠

We're reinventing the electronics store.

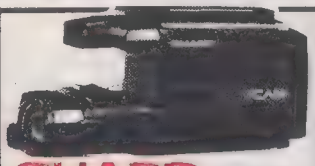
6th AVE ELECTRONICS CITY




**WE WILL BEAT ANY PRICE THAT OUR COMPETITION ADVERTISES!!**

**RCA** PRO 815
**8MM CAMCORDER**
- 8X Zoom
- A/V Dubbing
- Low Light
- AFM Hi-Fi Sound • Remote

**$499.96**



**SHARP.** VL-L62U
**VHS SLIMCAM**
- 1 Lux • Fully Auto • High Speed Shutter
- 12X Zoom Lens • Remote

**$499.96**

**FREE HARD CASE** WITH THIS PURCHASE

**JVC** GR-M3U
**VHS-C CAMCORDER**
- 1 Lux Low Light • Fully Auto • 8X Zoom • High Speed Shutter

**$599.96**

**Canon**
UC-1
**8MM CAMCORDER**
- 8X Zoom
- Low Light
- Edit Switch
- Super Imposer
- Remote

**$549.96**

**NIKON** VN-720
**HI 8 CAMCORDER**
- 8X Zoom
- Autofocus
- Recision CCD • HI FI Stereo • Remote

**$699.96**

**Canon**
UCS5
**HI 8 CAMCORDER**
- 24X Power Zoom
- Image Stabilizer
- Hi Fi Stereo
- Remote

**NEW!**

**SHARP.** VL-E30U
**8MM VIEWCAM**
- 3" LCD Color View Screen Menu • 8X Zoom • Flying Erase Head • Remote Control

**WE'LL BEAT YOUR BEST DEAL**

# Mail Order 800 394-6283

**201 467-0100 ▪ MONDAY-FRIDAY 9AM -7PM ▪ SATURDAY 10-6**

NY Retail **1030 6th Ave New York, NY**
OPEN MON/TUES/WED/FRI&SAT 9-6:30
THURS 9-8 • SUN 11-5

NJ Retail **331 Route 4W Paramus, NJ**
OPEN 6 DAYS A WEEK
MONDAY THRU SATURDAY 10-9

NJ Retail **22 Route 22W Springfield, NJ 07081**
OPEN 7 DAYS A WEEK • SUNDAY 11-6
MONDAY-SATURDAY 10-9

**WE WLL BEAT YOUR BEST PRICE GUARANTEED**

PRICES VALID THRU 1/1/94. LIMITED QUANTITIES. *REGISTERED TRADEMARK DOLBY LABORATORIES CORP. PICTURES ARE FOR ILLUSTRATION ONLY. NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

Circle 44 on Reader Service Card.

# Confused?

Too many ads guaranteeing the "Lowest Prices"?
Too many promises to sort through? Tired of all the hype?
Here's the solution...

**BEST ADVICE AND THE REAL PRICE.**
Or Your Money Back. Simple, Direct, and Toll–Free.

**1-800-456-9889**

**IT'S ABOUT TIME.**

**ALL MAJOR BRANDS. VCRS, TVS, AUDIO, LASERDISCS AND ALL THE REST. ALL MAJOR CREDIT CARDS ACCEPTED.**

LIPCO Enterprises • 3725 Canterbury Lane, #50 • Bellingham, WA 98225

Circle 23 on Reader Service Card.


## $14.98 FEVER

*continued from page 128*

Don't miss the inspired parody of a western-movie stampede, substituting cars for horses. Throw in supporting turns by SCTV's Joe Flaherty and Al Lewis (a.k.a. Grandpa Munster) as a nutty hanging judge, and you're talking low-comedy heaven. **—JY**

**Women on the Verge of a Nervous Breakdown (Orion).** Spanish bad boy Pedro Almodóvar's 1988 comedy is his best movie – and, in fact, one of the few great comedies of the last decade. An actress (the wonderful Carmen Maura) is trying to get a message to her newly absconded lover. The path to her goal is booby-trapped with crazed rivals, spiked gazpacho, Madrid's strangest taxi, dangerous telephones and other flying objects. The picture is marked by ripe colors, riper comedy, and a typical Almodóvar rogues' gallery of characters, portrayed with glee by his repertory company. No director loves his characters more, a virtue that comes to full fruition in this gem. **—SLS** ■


SONY • PANASONIC • MITSUBISHI • TOSHIBA • RCA • DENON • HITACHI • AT&T • PHONEMATE • JVC • SCOTCH • MEMOREX • AMPEX • FUJI • GOLDSTAR • MAXELL • CANON • CARVER • PIONEER • KLIPSCH • ADVENT • AIWA • HARMON KARDON • TECHNICS • KENWOOD • BOSE • SHINTOM • NIKON • CAMBER • TDK • TEAC • YAMAHA • GE • SHARP

# If You Would Pay Less...

WITH ALL THE NOISE ABOUT BARGAINS THESE DAYS
WE'D LIKE TO REMIND YOU THAT WE HAVE A WIDE
SELECTION OF HOME ELECTRONIC PRODUCTS,
FROM TV'S AND VCR'S, TO FAX'S AND ANSWERING
MACHINES, AND OF COURSE STEREOS
– ALL AT LOW, LOW PRICES
WITH COURTEOUS, FRIENDLY SERVICE.

WE ALSO SHIP ANYWHERE,
SO IF YOU WANT A NICE PRICE
OR SOME FRIENDLY ADVICE
CALL US
YOU WON'T BE DISAPPOINTED.

**(800) 884 HIFI**

**UNCLE'S STEREO**

**Visit US in New York:** **West Side** 216 W. 72nd St. **East Side** 1477 3rd Ave. **Downtown** 581 Broadway

Circle 43 on Reader Service Card.

# ABE'S OF MAINE

CAMERAS & ELECTRONICS

CALL TOLL FREE! IN NY & OUT OF STATE
**1-800-528-2237**

DISCOVER · VISA · MasterCard · Cards · DINERS CLUB INTERNATIONAL · COD

PRICES VALID UNTIL END OF MONTHLY ISSUE

1957 CONEY ISLAND AVE BROOKLYN, NY 11223

**INTERNATIONALLY RENOWNED!**

ORIGINALLY FROM OLD ORCHARD BEACH MAINE — C.A. #0898874

Ask about OVERNIGHT DELIVERY

For Inquiries on orders already placed and Shipping Information Call: 9:30am to 5:00pm EST
1-718-645-1818
OR
1-800-992-2379

**OPEN SUNDAYS!**
10:00AM to 7:00PM EST

| | |
|---|---|
| MON/THUR Till 11/29 | 9:15AM-8:30PM |
| MON/THUR From 11/29 | 9:15AM-10:00PM |
| FRIDAY | 9:15AM-3:30PM |
| SAT EVE From 12/4 | 6:00PM-8:00PM |

From Overseas Call
1-718-645-1818

FAX NUMBER
1-718-382-8596

## "SHOP NOW FOR CHRISTMAS AND CHANUKAH!"

NO SURCHARGE ON CREDIT CARDS!

## SONY

### CAMCORDERS

| | |
|---|---|
| CCD-TR500 ... CALL | CCD-TR31 ... 564.99 |
| CCD-TR300 ... 919.99 | CCD-TR21 ... 579.99 |
| CCD-TR200 ... 719.99 | CCD-FX710 ... 784.99 |
| CCD-TR101 ... 999.99 | CCD-FX620 ... 689.99 |
| CCD-TR91 ... 919.99 | CCD-FX520 ... 609.99 |
| CCD-TR81 ... 749.99 | CCD-FX420 ... 554.99 |
| CCD-TR71 ... 569.99 | CCD-FX410 ... 529.99 |
| CCD-TR65 ... 719.99 | CCD-FX310 ... 519.99 |
| CCD-TR61 ... 619.99 | CCD-VX3 ... 2794.99 |

### SONY VHS VCRs

| | |
|---|---|
| SLV-400 ... 234.99 | SLV-700HF ... 334.99 |
| SLV-595HF ... 329.99 | SLV-750HF ... 384.99 |
| SLV-696HF ... 369.99 | SLV-900HF ... 419.99 |
| SLV-R5 ... 799.99 | SLV-R1000 ... 889.99 |

### 8MM VCRs

| | |
|---|---|
| EV-C40 ... CALL | EV-S2000 ... CALL |
| EV-A50 ... 334.99 | EV-C100 ... CALL |
| EV-S550 ... 449.99 | GV-S50 ... 739.99 |
| EV-S3000 ... 1209.99 | GV-M20 ... 549.99 |

### BETA VCRs

| | |
|---|---|
| SL-S600 ... 264.99 | SL-HF2000 ... CALL |
| SL-HF360 ... 349.99 | SL-HF21001099.99 |

### SONY LASER DISCS

| | |
|---|---|
| MDP-455 ... 349.99 | MDP-605 ... 539.99 |
| MDP-600 ... CALL | |
| MDP-K5 KARAOKE ... 729.99 | |

### SONY RECEIVERS

| | |
|---|---|
| STR-D 2090 ... 609.99 | STR-D 711 ... 269.99 |
| STR-D 1011 ... 389.99 | STR-D 611 ... 234.99 |
| STR-D 911 ... 279.99 | STR-D 511 ... 164.99 |
| STR-D 311 ... 124.99 | |

### SONY COMPACT DISC

| | |
|---|---|
| CDP-C235 ... 149.99 | |
| CDP-C335 ... 164.99 | CDP-C625 ... 279.99 |
| CDP-C435 ... 189.99 | CDP-C735 ... 269.99 |
| CDP-C535 ... 229.99 | CDP-C910 ... 279.99 |
| MZ-1 Mini Disk Portable Recorder ... 579.99 | |
| *RME-300 479.99* | *RME-700 ... 629.99* |

### SONY CASSETTE DECKS

| | |
|---|---|
| TC-W435 ... 139.99 | TC-WR635S 199.99 |
| TC-WR535 ... 154.99 | TC-C5 ... 219.99 |
| TCK-611S ... 249.99 | |

### SONY MINI COMPONENT SYSTEM

| | |
|---|---|
| MHC-510 ... 319.99 | MHC-C50 ... 429.99 |
| MHC-610 ... 384.99 | MHC-C70 ... 569.99 |
| MHC-C90 ... 699.99 | |

## Panasonic

### CAMCORDERS

| | |
|---|---|
| PV-42 ... 739.99 | PV-332 ... 569.99 |
| PV-43 ... 799.99 | PV-362 ... 649.99 |
| PV-53 ... 889.99 | PV-S372 ... 859.99 |
| PV-S62 ... 989.99 | PV-S770 ... 969.99 |
| PV-S63 ... 999.99 | PV-704 ... 489.99 |
| PV-IQ203 ... 524.99 | PV-710 ... 569.99 |
| PV-IQ303 ... 549.99 | PV-760 ... 819.99 |
| PV-IQ403 ... 599.99 | PV-800 ... 544.99 |
| PV-IQ503 ... 669.99 | PV-810 ... 569.99 |

### Panasonic VHS VCRs

| | |
|---|---|
| PV-2301 ... 169.99 | PV-4314 ... 239.99 |
| PV-4210 ... 199.99 | PV-4351 ... 249.99 |
| PV-4250 ... 259.99 | PV-4361 ... 309.99 |
| PV-4260 ... 279.99 | PV-4362 ... 339.99 |
| PV-4262 ... 299.99 | PV-S4266 ... 374.99 |
| PV-4264 ... 369.99 | PV-S4270 ... 389.99 |
| PV-4301 ... 199.99 | PV-S4280 ... 559.99 |
| PV-4311 ... 209.99 | PV-S4366 ... 414.99 |
| PV-S4380 ... 709.99 | |

### PRO VCRS

| | |
|---|---|
| AG-1270 ... 239.99 | AG-1970 ... CALL |
| AG-1280 ... CALL | AG-5700 ... 1149.99 |
| AG-1740 ... 339.99 | AG-W1 ... CALL |

### PRO CAMCORDERS

| | |
|---|---|
| AG-186 ... CALL | AG-455 ... 1529.99 |
| AG-450 ... CALL | AG-460 ... 2249.99 |
| AG-3 ... 2349.99 | |

### PRO ACCESSORIES

| | |
|---|---|
| WJ-AVE5 ... 1139.99 | WJ-MX30 ... 2449.99 |
| WJ-AVE3 ... 329.99 | WJ-MX12 ... 1489.99 |
| WJ-TTL5 ... 204.99 | AG-A96 ... 339.99 |
| WJ-MX50 ... CALL | CT-1383Y ... 239.99 |

## PIONEER

### LASER DISCS

| | |
|---|---|
| CLD-D702 ... 719.99 | CLD-M401 ... 439.99 |
| CLD-D502 ... 449.99 | CLD-M301 ... 369.99 |
| CLD-S201 ... 299.99 | |
| KARAOKE CLD-V510 ... 429.99 | |
| KARAOKE CLD-V710 ... 529.99 | |
| KARAOKE CLD-V720 ... 519.99 | |
| KARAOKE CLD-V740 ... CALL | |
| KARAOKE CLD-V820 ... 599.99 | |
| KARAOKE CLD-V840 ... CALL | |

### PIONEER COMPACT DISC

| | |
|---|---|
| PD-TM3 ... 299.99 | PD-DM802 ... 219.99 |
| PD-TM2 ... 294.99 | PD-M702 ... 179.99 |
| PD-DM902 ... 259.99 | PD-M552 ... 159.99 |
| PD-M901 ... 249.99 | PD-M502 ... 154.99 |

### PIONEER RECEIVERS

| | |
|---|---|
| VSX-D1S ... 769.99 | VSX-502 ... 299.99 |
| VSX-D902S ... 689.99 | VSX-452 ... 229.99 |
| VSX-D702S ... 499.99 | VSX-402 ... 199.99 |
| VSX-D602S ... 439.99 | SX-312R ... 169.99 |
| VSX-512S ... 329.99 | SX-251R ... 149.99 |
| SX-201 ... 129.99 | |

### PIONEER CASSETTE DECKS

| | |
|---|---|
| CT-WM62R ... 289.99 | CT-W502R ... 159.99 |
| CT-W802R ... 239.99 | CT-W402R ... 149.99 |
| CT-W602R ... 199.99 | CT-W302R ... 134.99 |

## MITSUBISHI

### VCR'S

| | |
|---|---|
| HS-U36 ... 219.99 | HS-U58 ... 384.99 |
| HS-U38 ... 274.99 | HS-U59 ... 464.99 |
| HS-U48 ... 349.99 | HS-U65 ... 569.99 |
| HS-U56 ... 324.99 | HS-U69 ... CALL |
| HS-U56P ... 369.99 | HS-U82 ... 739.99 |

## RICOH

### 8MM CAMCORDERS

R87H ... CALL R-18H ... CALL R-16 ... CALL

## RCA

### CAMCORDERS

| | |
|---|---|
| PRO 930 ... CALL | CC-540 ... CALL |
| PRO 883 ... CALL | CC-412 ... CALL |
| PRO 840 ... CALL | CC-190 ... CALL |
| PRO 830 ... CALL | CC-188 ... CALL |
| PRO 808 ... CALL | CC-178 ... CALL |
| CC-174 ... CALL | |

### RCA VCR'S

| | |
|---|---|
| VR-720HF ... CALL | VR-526A ... CALL |
| VR-667HF ... CALL | VR-506A ... CALL |
| VR-664HF ... CALL | VR-501 ... CALL |
| VR-658HF ... CALL | VR-323 ... CALL |
| VR-601HF ... CALL | VR-321 ... CALL |
| VR-537HF ... CALL | VR-319 ... CALL |
| 800HF 8MM ... CALL | |

### RCA LASER DISCS

| | |
|---|---|
| LDR-500 ... CALL | LDR-600 ... CALL |

## HITACHI

### CAMCORDERS

VM-H38A — CALL!

IMAGE STABILIZATION, 470,000 PIXELS, 2 LUX, 16:1 ZOOM

### 8MM

| | |
|---|---|
| VM-H39A ... CALL | |
| VM-E53A ... CALL | |
| VM-E55A ... CALL | |

### HITACHI VCRs

| | |
|---|---|
| VT-M260A ... CALL | VT-F362A ... CALL |
| VT-M262A ... CALL | VT-F462A ... CALL |
| VT-F361A ... CALL | VT-F551A ... CALL |

NIKON, FUJI, YASHICA CAMCORDERS ALL AVAILABLE!

## JVC

### VCR'S

| | |
|---|---|
| HR-J200 ... 179.99 | HR-VP606 ... 334.99 |
| HR-J400 ... 199.99 | HR-VP700 ... 369.99 |
| HR-J600 ... 279.99 | HR-S 4700 ... 419.99 |
| HR-VP404 ... 219.99 | HR-S 4900 ... CALL! |
| HR-VP604 ... 299.99 | HR-S 6800 ... 559.99 |
| HR-S 6900 ... CALL! | |

### CAMCORDERS JVC

| | |
|---|---|
| GRAX-75U ... 789.99 | GR-AX5 ... 489.99 |
| GR-AX55U ... 599.99 | GR-M3U ... 464.99 |
| GR-AX35U ... 549.99 | GR-M5U ... 509.99 |
| GR-AX33U ... 544.99 | GR-M7UPro ... 669.99 |
| GR-AX25U ... 509.99 | GR-SX90 ... 714.99 |
| GR-SZ1 ... 1239.99 | |
| GRAW1 WATER RESISTANT ... 879.99 | |

### JVC RECEIVERS

| | |
|---|---|
| RX-1050VTN 839.99 | RX-709VTN 274.99 |
| RX-905VTN 579.99 | RX-509VTN 209.99 |
| RX-809VTN 344.99 | RX-309VTN 139.99 |

### JVC CD PLAYERS

| | |
|---|---|
| XL-Z1050TN 439.99 | XL-M509TN 224.99 |
| XL-Z451TN. 124.99 | XL-M409TN 179.99 |
| XL-V261TN. 119.99 | XL-F1068K ... CALL! |
| XL-V161TN. 109.99 | XL-F2068K ... CALL! |

### JVC CASSETTE DECKS

| | |
|---|---|
| TD-V1050TN 369.99 | TD-W309TN. 149.99 |
| TD-V661TN ... CALL! | TD-W209TN. 119.99 |
| TD-W709TN ... CALL! | TD-R441TN ... CALL! |

### JVC MINI COMPONENT SYSTEM

| | |
|---|---|
| MX S2 ... 289.99 | MX-C5 ... 434.99 |
| MX S4 ... 359.99 | MX-C7 ... 579.99 |
| MX-C9 ... 729.99 | |

### VIDEO PERIPHERALS JVC

| | |
|---|---|
| JX-T66 Character Generator ... 144.99 | |
| JX-T88 Character Generator ... 259.99 | |
| JX-SV55 Video Editing Processor ... 334.99 | |
| JX-S100 VHS Switcher ... 59.99 | |
| JX-S300 AV Selector ... 189.99 | |
| JX-S900 Remote Control | |
| AV/S-VHS Switcher ... 444.99 | |

LENMAR NOMEN BATTERIES IN STOCK

AZDEN MICROPHONES
WE CARRY A FULL LINE
LOW, LOW PRICES ... CALL

## YASHICA

### KX-V10

$1099.99

HIBMM
HI FI STEREO
410,000 PIXELS
SUPER QUICK ZOOM
COLOR VIEWFINDER
HOME TERMINAL FEATURE

WE CARRY EWA MARINE

## SPEAKERS

BOSE SPEAKERS
FULL LINE IN STOCK AT LOW PRICES!
WE CARRY YAMAHA RECIEVERS

## SHARP

### CAMCORDERS

| | |
|---|---|
| VL-L62U ... 499.99 | VL-HX10U ... CALL |
| VL-L63U ... CALL | VL-HL100U 1399.99 |
| VL-L72U ... 589.99 | VL-N1U ... 524.99 |
| VL-E30 ... 829.99 | |

## Canon

### CAMCORDERS

| | |
|---|---|
| L-1 ... 1879.99 | UC-20 ... CALL |
| A-1 Digital. 1074.99 | E-65 ... 499.99 |
| H-850 ... 649.99 | E-67 ... 619.99 |
| UC-1 ... 544.99 | E-210 ... 484.99 |
| UC-1 Color ... CALL | E-230 ... 499.99 |
| UC-S1 ... CALL | E-250 ... 574.99 |
| UC-S2 ... 745.99 | E-350 ... 629.99 |
| UC-S3 ... CALL | E-520 ... 579.99 |
| UC-S5 ... CALL | E-700 ... CALL |

WE CARRY CANON ACCESSORIES!

## MINOLTA

### CAMCORDERS

| | |
|---|---|
| 8-918 ... 1379.99 | 8-378 ... CALL |
| 8-848 ... 899.99 | 8-778 ... CALL |
| 8-808 ... 699.99 | CC-560 ... CALL |
| 8-438 ... 549.99 | CC-560 ... CALL |
| 8-428 ... 509.99 | |

## SUNPAK

*NEW* CZ-200 AUTO ... 54.99

| | |
|---|---|
| *NEW* CZ-200. 44.99 | CV-300 Auto ... 79.99 |
| CV-300 ... 49.99 | CV-20S Auto ... CALL! |
| CV-20S ... CALL! | |

## GO.VIDEO

GV-3050X 4 Head/Hi Fi ... 699.99

## VIDEONICS

| | |
|---|---|
| TITLE MAKER ... 329.99 | |
| Direct Ed Plus ... 359.99 | |
| Thumbs Up/Video Editor ... 149.99 | |
| Edit Maker ... 449.99 | |
| Video Equalizer ... 209.99 | |
| Processor Plus ... 109.99 | |
| Sound Effects Mixer ... 114.99 | |
| MX-1 Mixer ... CALL | |

FOR DIRECT ED PLUS

| | |
|---|---|
| Pro Ed Upgrade ... 554.99 | |
| Graphics Libraries ... 37.99 | |

## sima

| | |
|---|---|
| ED/it 2 ... 64.99 | FX ED/it 5 ... CALL |
| ED/it 3 ... 129.99 | Booster Box ... 19.99 |
| FX ED/it 4 ... 179.99 | Screenwriter1 27.99 |

AND MUCH, MUCH MORE!

## CITIZEN

3" COLOR MONITOR M-329
$119.99

| | |
|---|---|
| M-938 3.8" COLOR MONITOR ... 199.99 | |
| *NEW* MARK II ... CALL | |
| CITIZEN AC Adaptor ... 19.99 | |
| CITIZEN Car Adaptor ... 29.99 | |
| CITIZEN TV Tuner ... 59.99 | |
| CITIZEN M-329 Monitor PAL ... 119.99 | |

## SPECIAL CLOSEOUTS

### SAKAR 3X SUPER TELE CONVERTER

HI RESOLUTION, SHARP OPTICS
FITS MOST CAMCORDERS

*REGULAR $199.99* ... $99.99

VCR PLUS ... 24.99

### VIDEO REWINDER

| | |
|---|---|
| VHS ... 14.99 | |
| 8MM ... 24.99 | |
| BETA ... 19.99 | |

TELEPHOTO & WIDE ANGLE LENS SET
FOR ANY CAMCORDER
SHARP OPTICS
HI RESOLUTION

*REGULAR $119.99* ... $99.99
WITH A CAMCORDER PURCHASE

WE CARRY BATTERIES & CAR CORDS FOR ALL CAMCORDERS!!!

**SATISFACTION GUARANTEED**
*WITHIN 7 DAYS OR*
**MONEY BACK!**

ALL CAMCORDERS COMPLETE AND FACTORY PACKED WITH BATTERY, CHARGER, ADAPTOR, CORDS, ETC.

*COMPANY POLICY* These are phone and mail order prices only. Prices are not valid in the retail showroom. If you wish to drive to the store, please call ahead to check in store availability and get the name of the salesman you spoke to. To order use Mastercard, American Express, Diners Club, Visa, Canon, Discover, Carte Blanche, COD orders welcomed or mail in money order or certified check. For personal checks, please allow at least 4 weeks from the date we deposit your check. Call toll-free for shipping & handling charges. All merchandise is brand new. Exchange or refund less shipping & less 5% restocking fee within 7 days only if returned in original mint condition with carton, packing, papers and unfilled warranty cards. NO EXCEPTIONS. Quantities limited. We reserve the right to limit quantities. Not responsible for typographical errors. *PRICES ARE VALID UNTIL END OF MONTHLY ISSUE.* Products offered do not carry Manufacturers USA warranty.

Circle 46 on Reader Service Card

KENWOOD JVC Panasonic MITSUBISHI TOSHIBA Canon HITACHI

# GUARANTEED UNBEATABLE PRICES!

NORTH AMERICA'S LARGEST AUTHORIZED DEALER FOR
MITSUBISHI
Panasonic TOSHIBA
Canon JVC DENON
sima KENWOOD
VIDEONICS AZDEN
bogen OLYMPUS
RICOH JBL RCA
HITACHI Nikon

# POWERVIDEO

## 1-800-877-2900

CUSTOMER SERVICE: 713-952-4400 | FAX: 713-952-8877

- All Public Schools and State University POs Welcome
- #1 in Customer Satisfaction • #1 On Time Delivery

4413 Bluebonnet Dr., Stafford, Texas 77477

FEDERAL EXPRESS

10 Years in Business, Texas Owned & Operated

- 2 FREE VHS TAPES if we can't ship on time
- All merchandise carries manufacturers U.S.A. warranty
- All products are factory sealed, No demos or refurbished goods
- 10 day defective exchange
- No extra charge to use your bank card
- All quoted prices are for mail order purchases only

MasterCard VISA American Express DISCOVER

## ASK ABOUT OUR 2/3/5 YEAR, EXTENDED SERVICE CONTRACT WITH MAINTENANCE

JVC GR-AX55

Nikon VN-750

HITACHI VM-H39

RCA PRO 883HB

Canon L-1

HITACHI VM-E55

Panasonic PV-IQ203

JVC GR-SZ1

SONY
VHS Hi8 SVHS
NORTH AMERICA'S LARGEST DISTRIBUTOR OF AUDIO/VIDEO TAPES

Panasonic PV-800

RICOH R-18H

Canon UC-S3

**JVC CAMCORDERS**
GR-AX25 GR-SZ1
GR-AX35 GR-SX90
GR-AX55 GR-M7U

**RCA CAMCORDERS**
PRO 808 PRO 930
PRO 870 CC-540
PRO 883HB CC-512

**Nikon CAMCORDERS**
VN-750 VN-320
VN-330 VN-500

**RICOH CAMCORDERS**
R-18H R-87H
R-61 R-88H
R-105

**Canon CAMCORDERS**
L-1 E-520
A-1D UC-S3
E-350 E-250

**Panasonic CAMCORDERS**
PV-332 PV-IQ203
PV-S770 PV-S372
PV-800 AG-455

### MITSUBISHI
DIGITAL PIP from 27" to 40"

1ST TIME EVER 40" PICTURE TUBE CS-40FX1

CS-26301 CS-27403 CS-35401
CS-27301 CS-31301 CS-35601
CS-27401 CS-35301 CS-35X7

### RCA TV's

We carry a complete line of RCA TV's from 27 to 35"

### MITSUBISHI Big Screen TV's
DIGITAL PIP SLIM LINE 45" to 70"

THE MOST POPULAR "VX" SERIES VS-50VX3 & VS-60VX3

VS-4571 VS-6061
VS-5061/62 VS-6071
VS-5071/72 VS-7071

### Quasar
27"SX2751HE
SX2754HK
31"SX3151HE
SX3164HK

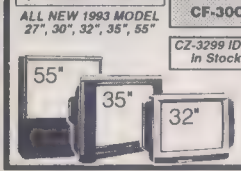
700 Lines resolution
Picture in Picture
INVAR Shadow Mask
Dyna Dome Stereo

### TOSHIBA
ALL NEW 1993 MODEL
27", 30", 32", 35", 55"

CF-27C50 CX-32C80/81 TP-48C70/71
CF-30C50 CX-35C80/81 TP-55C80/81

CZ-3299 IDTV In Stock

NEW 48" & 55" NOW AVAILABLE!!



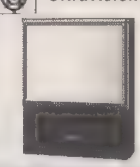

DIGITAL PIC ■ PIC from 27" to 55"
3 Dimensional Sound, Built in Woofer
S-VHS Input, Variable Audio Output,
700 Lines Res., DBX Noise Reduction,
Ext. Speaker Terminals, 3A/V In/Out,
Dual RF Inputs, Univ. Remote Control

### JVC SVHS
ALL NEW HYPERBASS SURROUND SOUND
DIGITAL PICTURE IN PICTURE
ALL New 27", 31", 32", 35"

NEW 16:9 FORMAT NV-55BX4 IN STOCK NOW

AV-31BM4 AV-35BX3
AV-31BX4 AV-35BP4
AV-32BX3 AV-35BH4

### HITACHI Ultravision
TOP RATED!
60" 60SX3B
50" 50UX14B
50" 50UX15K
50" 50SX5P
46" 46UX12B
46" 46UX13K
1000 Lines Resolution,
Dolby/Hall/Pro Logic
HDTV Lense System



### Front Screen Projectors

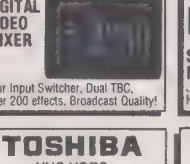
We carry a wide variety of front screen video projectors with images up to 150"

### MITSUBISHI SVHS
HS-U69

SUPER VHS HI-FI STEREO
Twin Flying Erase Heads, Pre-roll, Index Search, 250x speed Rewind Shuttle.

ALSO AVAILABLE
HS-U82 HS-U59 HS-U48
HS-U69 HS-U58 HS-U38

### VIDEONICS MX-1
DIGITAL VIDEO MIXER



Four Input Switcher, Dual TBC, Over 200 effects, Broadcast Quality!

### Panasonic SVHS
PV-S4380

SUPER VHS EDIT RECORDER
Jog/Shuttle Control, Fly, Erase Head, Synchro-Edit LCD Prog.

### JVC SVHS
HR-S6900U

SUPER VHS HI-FI STEREO
Jog Shuttle for Fine Editing, Flying Erase Head, Built in Sound Processor, On Screen Programming, Audio/Video in

ALSO AVAILABLE
HR-S4900U HR-VP700
HR-S6900U HR-VP604
HR-J600 HR-VP606

### TOSHIBA VHS VCRS
SV-F990 M-459
M-759 M-449
M-659 M-249

### Panasonic VHS VCRS
PV-4301 PV-4362
PV-4351 PV-S4366
PV-4361 PV-S4380

### COMPLETE SOURCE FOR HI-FI AUDIO INCLUDING HOME THEATRE
THX DOLBY SURROUND PRO·LOGIC

From High End Audio/Video Receivers to Boomboxes, Subwoofers, Speakers, DCC, DAT, MiniDiscs, *We've Got It All!*

### VIDEO ACCESSORIES

We carry a complete line of tripods, lights, filters, lenses, edit processors, batteries and tapes for all your video needs

### Panasonic
PV-VP1

COLOR VIDEO PRINTER
Color Photographs from any Video Source at the touch of a button!

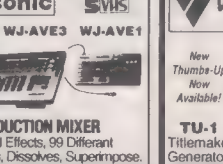
### Panasonic CD VIDEO
LX-900 LX-600 LX-101

Auto Rev., Plays all 5 Disc Sizes, Time Base Correct., S-VHS Video Output, D/Audio

### JVC
NV-55BX4
16X9 WIDE SCREEN T.V.
PIC IN PIC

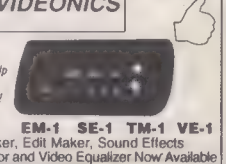
Dolby Pro-Logic, Digital Sound Processing, 4 screen display modes including Panorama & Cinema

### Panasonic SVHS
WJ-AVE5 WJ-AVE3 WJ-AVE1



S-VHS PRODUCTION MIXER
Digital Special Effects, 99 Different Wipes, Fades, Dissolves, Superimpose.

### VIDEONICS



New Thumbs-Up Now Available!

TU-1 EM-1 SE-1 TM-1 VE-1
Titlemaker, Edit Maker, Sound Effects Generator and Video Equalizer Now Available

RICOH sima Nikon OLYMPUS HITACHI Canon MITSUBISHI

Circle 47 on Reader Service Card

COME VISIT OUR NEW SUPER STORE

15 YEARS OF EXPERTISE & SERVICE

# TRI STATE CAMERA & VIDEO

650 6TH AVENUE, (COR. 20TH ST) NY, NY 10011

DISCOVER VISA MasterCard COD

**1-800-221-1926**

YOUR ONE STOP ELECTRONICS SUPER STORE!

- VIDEO
- CAMERAS
- COMPUTERS
- ELECTRONICS
- FAX MACHINES
- ACCESSORIES
- INDUSTRIAL
- COPIERS

## Nikon Nikon Nikon

### Nikon F4S

- Fast 1/8000 Second Shutter Speed
- 1/250 Second Flash Synch
- Exclusive Matrix Metering
- Center Weighted & Spot
- Fast 5.7fps Motor Drive
- Nikon Limited USA Warranty

**CALL!**

### Nikon N-90

- Wide Area Focus with Focus Tracking
- Nikon Lens & System Compatability
- 1/8000 Second Shutter Speed
- Exclusive 3D Matrix Metering
- 1/250 Second Flash Synch
- Nikon Limited USA Warranty

**CALL!**

### Nikon N8008s

- Fast 1/8000 Second Shutter Speed
- Nikon Lens & System Compatibility
- Advanced Autofocus System
- Exclusive Matrix Metering
- Center Weighted & Spot
- Nikon Limited USA Warranty

**CALL!**

### Nikon Zoom Touch 800

- 37-105 ED Power Zoom Lens
- Red Eye Reduction Flash
- Precision Autofocus
- Nikon USA Warranty

$319.99

### Nikon Zoom Touch 470

- 35-70 Power Zoom Lens w/Macro
- Autofocus & Auto Exposure
- Red Eye Reduction Flash
- Nikon USA Warranty

$164.99

**NIKON SLR'S & POINT & SHOOTS**

N-90 ..... CALL
F4S ..... CALL
8008S ..... CALL
6006 ..... 399.95
5005 ..... 309.95
NEW Zoom Touch 800ED ..... 319.95
One Touch 400 ..... 144.95
Zoom Touch 470 ..... 164.95
Zoom Touch 600 ..... 207.95
NEW Lite Touch ..... 124.95
F-3HP/F3T ..... CALL
FM2 ..... 389.95
N2000 DEMO ..... 249.95
NEW 6000 ..... 324.95
Hove Manual f/4f3/6006/5005S NA ..... 17.95
CF-35-36/N-2020/N-90 ..... 19.95

**NIKON AF LENSES**

20/2.8 ..... 429.95 24-50/3.3 ..... 349.95
28-70/3.5 ..... 279.95 24/2.8 ..... 284.95
28-85/3.5 ..... 349.95 28/2.8 ..... 174.95
35-70/3.3 ..... 149.95 35/2 ..... 289.95
35-70/2.8 ..... CALL 50/1.4 ..... 219.95
80-200/2.8 ..... 839.95 50/1.8 ..... 74.95
35-105/3.5 ..... 354.95 85/1.8 ..... 269.95
35-135/3.5 ..... 369.95 135 F2 DC ..... 849.95
70-210/4.5.6 ..... 249.95 180/2.8 ED ..... 589.95
75-300/4.5 ..... 429.95 300/2.8 ..... 3499.95
60/2.8 Macro ..... 319.95 300/4 ED ..... 799.95
105/2.8 Macro ..... 539.95 SB-20 ..... 179.95
TC-16 AF ..... 189.95 SB-23 ..... 89.95
SB-22 ..... 114.95 SB-25 ..... CALL

**NIKON AF-D LENSES**

NEW 20-35 2.8D ..... CALL
NEW 35-80D ..... 174.95
28-70/3.5-4.5D ..... 319.95
35-70/28D ..... CALL
70-210D ..... 289.95 TC-20E ..... CALL
80-200/2.8 ED ..... 839.95
300/2.8 EDIF-D ..... CALL
NEW 105/2D ..... CALL
NEW 28 1.4D ..... CALL NEW 16 2.8D ..... CALL

**NIKON AIS LENSES**

8/2.8 ..... 1129.95 50/1.4 ..... 229.95
16/2.8 ..... 599.95 50/1.2 ..... 369.95
15/2.5 ..... 1489.95 120 Medical ..... 1229.95
20/2.8 ..... 439.95 58/1.2 NOC ..... 964.95
24/2 ..... 569.95 85/1.4 ..... 589.95
24/2.8 ..... 309.95 85/2 ..... 289.95
28/2 ..... 399.95 105/1.8 ..... 469.95
28/2.8 ..... 279.95 105/2.5 ..... 249.95
28/3.5PC ..... 859.95 135/2 ..... 584.95
35/1.4 ..... 449.95 135/2.8 ..... 257.95
35/2 ..... 273.95 200/4 ..... 289.95
35/2.8PC ..... CALL 100-300/5.6 ..... 394.95
28-85/3.5 ..... 449.95 500/8 ..... 569.95
35-105/3.5 ..... 339.95 TC14A ..... 224.95
35-135/3.5 ..... 439.95 TC-201 ..... 224.95
TC-301 ..... CALL TC-14B ..... 464.95

**NIKON ED IF LENSES**

180/2.8 ..... 749.95 400/5.6 ..... 1699.95
200/2 ..... 2849.95 600/4 ..... 5249.95
300/2.8 ..... 2869.95 600/5.6 ..... 3189.99
300/4.5 ..... 739.95 800/5.6 ..... 4699.95
400/2.8 ..... 5449.95 50-300/4.5 ..... 1679.95
400/3.5 ..... 2899.95 80-200/2.8 ..... CALL
500 /4P ..... CALL

**NIKON MACRO SYSTEM**

120 f/4 Medical ..... 1229.95
55/2.8 ..... 259.95 BR-4 ..... 34.95
105/2.8 ..... 489.95 BR-5 ..... 18.95
200/4 ..... 699.95 AR-4 ..... 28.95
PN-11 ..... 74.95 AR-7 ..... 49.95
PK 11,12,13 ..... 54.95 PB6D ..... 34.95
PB6 ..... 214.95 SM-2 ..... 199.95
PS6 ..... 107.95 LD-2 ..... 104.95
PB6E ..... 110.95 52 Close Up ..... 25.95

**NIKON MOTOR DRIVE/FLASH DATABACKS**

MD-4 ..... 359.95 MB-22 (F4) ..... 239.95
MD-12 ..... 259.95 MN-20 ..... 104.95
ML-2 ..... 299.95 SB-16B ..... 249.95
SB-14 ..... 239.95 SB-17 ..... 134.95
SD-7 Pack ..... 114.95 SB-21B ..... 374.95
SB16A ..... 269.95 MF-20 (8008) ..... 69.95
SD-8 ..... 104.95 MF-21 (8008) ..... 154.95
SB-21 A ..... 364.95 MF-26 ..... CALL
MF-23(F4) ..... 384.95 DW-20 (F4) ..... 169.95
MF-22(F4) ..... 109.95 DW-21 (F4) ..... 309.95
DA-20 (F4) ..... 569.95 MB-23 (F4) ..... 279.95
MH-20 ..... 189.95 MB-20 (F4) ..... 36.95
SB-E Auto Special ..... 29.95
AS-1 4 ..... 23.50 SC-12 ..... 127.00
AS-6 ..... 40.50 SC-14 ..... 49.05
AS-7 ..... 68.00 SC-15 ..... 17.00
AS-8 ..... 144.50 SC-17 ..... 49.95
AS-9 ..... 119.95 SC-18 ..... 25.50
AS-10,11 ..... 32.00 SC-19 ..... 44.95
AS-15 ..... 17.95 SC-23 ..... 109.95
SC-24 ..... 47.50

**NIKON ORIGINAL HOODS**

HN-1,2,3,9 ..... 14.95
HN-12,23,24 ..... 22.95
HN-28,26 HB-7 ..... 28.95
HS-9,10,11,12,14,16 ..... 20.25
HK-4,11,12,14,16 ..... 20.25
HK-2,15 ..... 20.25
HB-1,2,3,4 ..... 17.95

**NIKON FILTERS**

52 L37C ..... 22.95
52 L1BC ..... 22.95
52 Color ..... 22.95
52mm Soft Focus, 1 or 2 ..... 59.95
62mm Soft Focus, 1 or 2 ..... 79.95
62 L37C ..... 32.95
62 L1BC ..... 39.95

Please send certified check or money order for immediate shipment. Please allow 20 days for bank clearance on personal checks. Add postage and handling (Shipping & Handling non refundable). No extra surcharge. ■ merchandise brand new. Guaranteed merchandise exchanged within 15 days or receipt. If found defective. Please return with invoice copy original packing and blank warranty cards. US Warranty add'l. NY Residents add sales tax. Subject to supplier's pricing. Prices in effect until December 20, 1993 Not responsible for typographical errors.

## Canon Canon Canon

### EOS Elan Zoom Kit

- USM 28-80 Zoom Lens
- Lithium Battery
- Wide Strap

$599.99

### EOS Rebel SII Kit

- EF 35-105mm f4.5-5.6 Lens
- EOS Rebel SII Body
- 6V Lithium Battery 2CR

$419.99

EOS-1 ..... 1199.95 A2E ..... CALL
EOS A-2 ..... CALL EOS RT ..... 329.95
EOS 10S ..... 339.95
EOS 10S COMM EDITION ..... 579.95
EOS Elan (100) ..... 334.95
EOS Elan (USA) ..... 354.95
EOS 630 ..... 239.95
EOS Rebel II ..... 189.95
EOS Rebel SII ..... 249.95
EOS Rebel II w/35-80 Kit ..... 319.95
EOS Rebel ■ w/35-80 ■ ..... 349.95
Canon 4 Year Extended Warranty ..... 49.95
2x Converter for EOS ..... 79.95

**EF LENSES**

15/2.8 ..... 624.95 35-80 ..... 94.95
35/F2 ..... 209.95 35-70/3.5 ..... 94.95
20/2.8 USM ..... 459.95 35-105 4.5 ..... 139.95
24/2.8 ..... 274.95 50-200/4.5/5.6 ..... 139.95
28/2.8 ..... 149.95 75-300/4.5 ..... 189.95
135/3.8 SF ..... 299.95 NEW 50/1.4 USM ..... 379.95
50/2.5 Macro ..... 279.95 35-80 USM ..... 134.95
100/2.8 Macro ..... 489.95 85 1.8 USM ..... 329.95
50/1.8 ..... 59.95 20-35 USM ..... 429.95
35-105 USM ..... 189.95 28-105 USM ..... 319.95
28-80 3.5 USM ..... 229.95 75-300 USM ..... 219.95
35-135 USM ..... 274.95 100 f/2 USM ..... 369.95
70-210 USM ..... 274.95 100-300 USM ..... 274.95

**EF "L" LENSES**

24 3.5 TS ..... 1119.95 45 2.8 TS ..... 1119.95
90 2.8 TS ..... 1119.95 14 2.8 ..... 1799.95
50/1.0 ..... 2149.95 85/1.2 ..... 1469.95
300 F4 ..... CALL 200/2.8 ..... 599.95
200/1.8 ..... 3549.95 300/2.8 ..... 3549.95
600/4 ..... 7499.95 20-35/2.8 ..... 1179.95
28-80/2.8 ..... 1139.95 50-200/3.5 ..... 519.95
80-200/2.8 ..... 1039.95 100-300/5.6 ..... 569.95
1 4X APO ..... 339.95 2X APO ..... 259.95
400 2.8 ..... CALL 35-350 3.5/5.6 ..... CALL
500 4.5 ..... 4569.95

**EOS-1 ACCESSORIES**

Focusing Screens for EOS-1 ..... 27.95
Command Back E1 ..... 149.95
Power Drive Booster E1 ..... 279.95
Nicad & Charger I/Booster ..... 269.95
EOS-1 Book Art of the Image ..... 23.95

**EOS ACCESSORIES**

Data Back E ..... 61.95 VG-10 Grip ..... 89.95
GR-10 Grip ..... 34.95 GR-70 Grip ..... 22.95
GR-50 ■ ..... 30.95 Bar Codes ..... 13.95
Bar Code Reader (10S Elan) ..... 42.95
RC-1 ..... 17.95
ET-62, EW-65, ET-65 ..... 17.95
EW-60, EW-62, EW-68A, B ..... 18.95
Canon EOS Case S, L, LL ..... 44.95
Screens Each ..... 21.95
Diopters Each ..... 13.95

**POINT & SHOOTS**

Photura 135 Caption Kit ..... 319.95
Sure Shot Tele Max ..... 104.95
NEW Sure Shot Zoom Maxx ..... 159.95
Photura Speeial ..... 209.95 Mega Zoom 105 ..... 194.95
NEW Z15 ..... CALL Mega Zoom 76 ..... 119.95
Photura 135 ..... 269.95 NEW Espirit ..... 104.95

**T-90 SYSTEM**

T60 Body ..... 139.95
T90 Body ..... 949.95
300TL Flash ..... 289.95
Command Back 90 ..... 134.95
TTL Hot Shoe Adaptor ..... 46.95
TTL Distributer ..... 29.95
ConnCord 60/300 ..... 26.95/37.95
Off Camera Shoe ..... 17.95
Remote Switch 60/3 ..... 25.95

**F-1N SYSTEM**

F-1N Body w/FN Finder ..... CALL
F-1N Body w/AE Finder ..... CALL
Waist Level Finder - FN ..... 88.95
AE Finder FN ..... 169.95
Data Back FN ..... 134.95
Speed Finder FN ..... 249.95
AE - Motor Drive FN Set ..... 459.95
AE - Motor Drive FN ..... 299.95
Nicad Pack FN ..... 119.95
High Power Nicad Pack FN ..... 189.95
Nicad Charger FN ..... 73.95
Fotcher Pro Back II ..... 579.95
F-N Focusing Screens ..... 69.95

**CANON LENSES**

17/4 ..... 314.95 135/2.8 ..... 169.95
15/2.8 ..... 679.95 200/4 Macro ..... 649.95
20/2.8 ..... 369.95 300/4 ..... 549.95
24/2.8 ..... 249.95 500/8 ..... 299.95
28 F2 ..... 384.95 600/4.5 ..... CALL
28/2.8 ..... 84.95 28-55/3.5 ..... 164.95
35/2 ..... 284.95 28-85/4 ..... 369.95
50/1.2 ..... 219.95 35-70/3.5 ..... 94.95
50/1.4 ..... 96.95 75-200/4.4 ..... 164.95
50/1.8 ..... 44.95 100-300/5.6 ..... 279.95
85/1.8 ..... 249.95 2x Type B ..... 174.95
100/2 ..... 269.95 50 3.5 Macro ..... 269.95

**CANON FD "L" LENSES**

14/2.8L ..... 1799.95 50/1.2L ..... 749.95
24/1.4L ..... 1129.95 300/2.8L ..... 3049.95
85/1.2L ..... 644.95 400/2.8L ..... 4499.95
200/1.8L ..... 2899.95 500/4.5L ..... 3899.95
80-200 F4 ..... 549.95 50-300 4.5 ..... 1389.95

**FLASHES & ACCESSORIES**

160 E ..... 28.95 200 E ..... 48.95
430 EZ ..... 234.95 300 EZ ..... 114.95
Transistor Pack E ..... 114.95
Transistor Pack w/ nicad E ..... 199.95
ML-3 Macro Ring Light ..... 229.95
Off Camera Shoe Cord ..... 47.95

## YASHICA YASHICA YASHICA

### Yashica T4

- Micro 35mm AF Camera
- Carl Zeiss Tessar T Lens
- Pre Flash Red Eye Reduction

$119.95

### Yashica 300AF

- Power Zoom Lens
- 3 Speed Power Zooming
- w/Twin Dual Convenience

$219.99

Zoom Tech 105 Super ..... 189.95
Zoom Tech 90 Super ..... 169.95
NEW Twin Tech Super ..... 99.95
NEW T-4 ..... 119.95
T-3 Super ..... 129.95
Dental Eye II Kit ..... CALL

| | Body | w/1.9 | w/1.7 |
|---|---|---|---|
| FX-3 Super | 124.95 | 154.95 | 169.95 |
| 108 MP | 169.95 | 214.95 | 234.95 |

**YASHICA ML LENSES**

24/2.8 ..... 79.95 28/2.8 ..... 69.95
28-85 ..... 129.95 75-200 ..... 109.95
35-105 ..... 114.95 70-210 ..... 139.95
35-70/3.8 ..... 94.95 60/2.8 ..... 359.95
230 Super AF ..... 199.95 NEW 300 AF ..... 219.95
50/1.8 ..... 64.95 70-210 4.5 ..... 162.95
28-70 ..... CALL 24-2.8 ..... 269.95
CS-240 ..... 39.95 28-85 AF Macro ..... 192.95
Sigma 70-210 AF ..... 109.95

## fuji

### Fuji Discovery 1000 Plus

- 38-85 Zoom Lens
- Multi-Beam AF
- Red Eye Flash
- FREE FUJI FILM

$149.99

## SIGMA

### Sigma 300 SA

- Highly Auto Single Lens Reflex
- 3 Auto Focusing Modes
- Metering Modes
- Remote Control Flash

$CALL

## Konica

Hexar w/Flash ..... 529.95
Hexar Classic ..... CALL
Aiborg 35-105 ..... 184.95
Big Mini Zoom ..... 134.95
Big Mini ..... 109.95

**CALL FOR KONICA REBATES**

**HEXANON LENSES**

85/1.8 ..... 154.95 200 F4 ..... 104.95

NEW SA-300 SLR ..... CALL
NEW 35-80 P2 ..... CALL 75-300 ..... CALL
NEW 28-80 P2 ..... CALL 75-300 APO UC ..... CALL
NEW 35-135 ..... CALL 90 2.8 Macro ..... CALL

**ZOOM CAMERAS**

28 AF (28-50) ..... 127.95 35AF (35-70 ..... 139.95
50 AF (50-100) ..... 149.95

## MINOLTA MINOLTA MINOLTA

### MAXXUM 7Xi USA

- Worlds Most Advanced AF SLR
- w/ Expert Intelligence
- Expert Fuzzy Logic System
- Expert AF System

$479.99

### MAXXUM 5Xi

- Worlds Most Advanced AF SLR
- Expert Intelligence & Built In Flash
- Expert Fuzzy Logic Control
- Expert AF System

$329.99

NEW 9XI ..... 669.95
NEW 3XI ..... 214.95
NEW 2XI ..... 164.95
NEW SPXi 35-80 Kit ..... CALL
NEW SPXi w/28-80 Kit ..... CALL
8000I ..... 329.95 5000I ..... 209.95
7000I ..... 369.95 3000I ..... 114.95
35-80/4XI Pwr Zm ..... 104.95 28-70/2.8 ..... 979.95
80-200/4.5 5.6XI ..... 168.95 28-80XI ..... 159.95
100-300/4.5 5.6XI ..... 279.95 28-105 3.5XI ..... 289.
16/2.8 ..... 639.95 28-135/4 ..... 239.
NEW 28-70 2.5 ..... CALL 35-105 3.5 ..... 199.95
24-50 ..... 264.95 100/2.8m ..... 424.95
20/2.8 ..... 409.95 75-300/4.5 ..... 274.95
24/2.8 ..... 239.95 80-200/2.8APO ..... 959.95
28/2 ..... 349.95 100-200/4.5 ..... 89.95
35/1.4 ..... 679.95 100/2 ..... 369.95
50/1.4 ..... 169.95 135/2.8 ..... 114.95
100-300 ..... 258.95 70-210 /4 ..... 134.95
50/2.8mm ..... 284.95 500 APO f8 ..... 419.95
85/1.4 ..... CALL 300/2.8 APO ..... 2899.95

**POINT & SHOOTS**

Zoom 90C ..... 164.95
Zoom 90EX ..... 198.95
Zoom 70C ..... 149.95
AF 35 ..... 74.95
NEW Freedom Zoom 105EX ..... 269.95
Freedom Zoom 103I ..... 219.95
Freedom Escort ..... 89.95
Freedom Vista w/24mm Lens ..... 139.95
Instant Pro ..... CALL

**MD LENSES**

X-700 ..... 209.95 100-300/5.6 ..... 294.95
X-370N ..... 154.95 200/2.8 ..... 449.95
20/2.8 ..... 399.95 300/4.5 ..... 379.95
24/2.8 ..... 204.95 24-50/4 ..... 354.95
28/2.8 ..... 102.95 35-135/3.5 ..... 339.95
28-70 ..... 109.95 70-210/4 ..... 194.95
85/2 ..... 204.95 135/2.8 ..... 109.95

**MAXXUM FLASHES & ACCESSORIES**

3500Xi Flash ..... 119.95
5400Xi ..... 229.95
314i ..... 34.50 3200i ..... 89.95
316i ..... 53.95 5200i ..... 197.95
2000i ..... 64.95 1200 AF ..... 289.95
Wireless Remote Flash Controller ..... 84.95
TC-1000 Triple Connector ..... 34.95
OS1100/CC1100 ..... 26.95/27.95

**MAXXUM PROGRAM & DATA BACKS**

Databack DB3, DB5, QD7 ..... 69.95
Program Back PB7 (7000) ..... 149.95
Program Back 90 (9000) ..... 139.95

**MAXXUM ACCESSORIES**

Panorama Adapter Set ..... 28.95
Focusing Screens ..... 17.95
RC 1000L/RC 1000S ..... 34.95/31.95

**CLOSE-OUTS**

CH-70L (for 7000) ..... 14.95
CH-90L (for 9000) ..... 14.95

## PENTAX PENTAX PENTAX

### Pentax IQ Zoom 115s

- 38-115mm (3x) Power Zoom Lens
- Ultra Compact Ergonomic Design
- Full Range Macro at any length
- Viewfinder & Flash Zoom

$254.99

### Pentax PZ10 Kit

- Intelligent Power Zoom System
- 28-80 Power Zoom
- Pentax Case
- Lithium Battery

$359.99

**POINT & SHOOT**

NEW ■ 115S ..... 254.95
IQ ZOOM 70R ..... 164.95
NEW ESPIO ZOOM ..... 149.95
NEW IQ 280P ..... CALL
NEW IQ ZOOM 90WR ..... 189.95

**SLR CAMERS 7 LENSES**

PZ-1 USA ..... 499.95
PZ-10 ..... CALL NEW PZ-20 ..... CALL
SF-1 ..... 249.95 28 80T ..... CALL
70-210 ..... 174.95 70-210T ..... 139.95
50/1.7 ..... 59.95 100/2.8M ..... 279.95
50/1.4 ..... 114.95 300/4.5 EDIF ..... 574.95
28/2.8 ..... 107.95 50/2.8M ..... 279.95
135/2.8 ..... 124.95 AF-240 FT ..... 93.95
24-50 ..... 264.95 AF-400 FTZ ..... 184.95
28-80 ..... 209.95 35-135 ..... 264.95

**NEW! FA LENSES**

50 1.7 FA ..... 109.95 330 Flash ..... 127.95
50 1.4 FA ..... 144.95 300 ED FA ..... CALL
28-80 FA ..... 154.95 600 FA ..... CALL
24 F2 AI FA ..... 369.95 70-200 FA ..... 209.95
28-105 FA ..... 289.95 50-2.8 FA ..... 284.95

| Body | w/1.7 |
|---|---|
| NEW P30T ..... 138.95 | 189.95 |
| K1000 ..... 139.95 | 199.95 |

**"A" SERIES LENSES**

28/2 ..... 309.95 35-70/3.5 ..... 139.95
28-80/3.5T ..... 134.95 70-210/4 ..... CALL
135/2.8 Special ..... 149.95

**FLASHES & ACCESSORIES**

F 280T ..... 109.95 200 S ..... 54.95
AF 400T KIT ..... 309.95 NEW 500 FTZ ..... CALL
AF 080 CRL ..... 179.95 NEW 330 ..... 124.95

## OLYMPUS OLYMPUS OLYMPUS

### Olympus IS-3

- 35-180 Autofocus Zoom Lens
- Fully Automatic Operation
- Red Eye Reduction Flash
- Quartz Data Back

$CALL

### Olympus Stylus Zoom

- Built In Red Eye Reduction
- Ultra Compact Auto Focus
- 35-70 Zoom Lens
- Multi Mode Flash

$CALL

**POINT & SHOOT**

IS-1 ..... 339.95 IS-2 ..... 389.95
NEW IS-3 ..... CALL
STYLUS ..... 104.95
NEW STYLUS ZOOM ..... CALL
NEW Infinity Zoom 2000 ..... CALL
Infinity Zoom 3000 ..... 224.95
Infinity 230 ..... 169.95
Infinity Zoom 210 ..... 129.95
Infinity 220 ..... CALL

**OM FLASH SYSTEM**

T18 ..... 29.95 F280 ..... 154.95
T20 ..... 64.95 P Grip Set ..... 118.95
T32 ..... 154.95 T45 Batt Set ..... 94.95
Winder 2 ..... 129.95 D Back 4 ..... 89.95

**OM ZUIKO LENSES**

OM4T ..... 649.95 OM 4T Black ..... CALL
24/2.8 ..... 184.95 200/4 ..... 184.95
28/2.8 ..... 159.95 65-200/4 ..... 349.95
35/2.8 ..... 119.95 50/1.4 ..... 169.95
50/1.8 ..... 59.95 50/1.2 ..... 239.95
85/2 ..... 209.95 38/2.8 ..... 199.95

**OLYMPUS AF LENSES - CLOSEOUT**

24/2.8 ..... 89.95 50/2 Macro ..... 99.95
28/2.8 ..... 39.95 28-85/3.5 ..... 69.95
50/1.8 ..... 19.95 35-105/3.5 ..... 69.95

## RICOH

**POINT & SHOOTS**

Mirai Zoom ..... 199.95
NEW Shotmaster Zoom 105 Plus ..... 219.95
Shotmaster Super ..... 129.95
Shotmaster Ultra Zoom ..... 124.95
Shotmaster 70 ..... 79.95
Shotmaster AF ..... 54.95
KR-5 Super ..... CALL
XR-10M ..... CALL

## CONTAX T2

- Carl Zeiss T Sonnar 38mm Lens
- Super Compact Body

$CALL

RTS-111 ..... CALL ST ..... CALL
S2 ..... CALL T2 Black or Gold ..... CALL
NEW Contax T-VS ..... CALL

Circle 48 on Reader Service Card

# CAMERA SOUND OF PENNSYLVANIA

U.S. & CANADA CALL TOLL FREE **1-800-477-0022**

Inquiries and Customer Service (215) 889-7358
FAX (215) 647-5830

**WORLD'S LARGEST PHOTO & VIDEO CAMCORDER DEALER!**

**Valley Forge**
Best Plaza by The Music Fair
202 to Devon Exit
260 West Swedesford Rd.
Berwyn, PA 19312
215-889-3960
Hours: 10-9, Sun. 12-5

**Philadelphia**
1104 Chestnut St.
Phila., PA 19107
11th & Chestnut St.
Park Free (10th & Ludlow)
215-627-9580
Hours: 10-7

**Oxford Valley**
Oxford Point Shopping Center
Rt. 1 & Oxford Valley Road
110 Lincoln Highway
Fairless Hills, PA 19030
215-949-1086
Hours: 10-9, Sun. 12-5

FEDERAL EXPRESS

## Canon

**A-1 Digital**
- DIGITAL SIGNAL PROC.
- AUTO TRACKING FOCUS /BACKLIGHTING CONTROL
- TRUE TO LIFE AFM Hi-Fi STEREO SOUND

**E250**
- 12x POWER ZOOM
- Hi-Fi STEREO
- WIRELESS
- REMOTE CONTROL

**UCS1**
- 10x AUTO FOCUS
- Hi-BAND 8mm
- FULLY AUTOMATIC

*Authorized Dealer*

## SONY

Camcorders
Laser Disk Players
VCRs
Portable Audio
Hi-Fi

## MINOLTA

**C-518 (VHS-C)**
- LIGHTWEIGHT, ULTRA-COMPACT DESIGN
- 8X POWER ZOOM LENS WITH AUTO MACRO
- 1 LUX LOW-LIGHT RECORDING

**8-438 (8mm)**
- EASY OPERATION, DIGITAL SIGNAL PROCESSING
- 16X DIGITAL ZOOM
- LOW LIGHT RECORDING

*Authorized Dealer*

**8-918 (Hi-Band 8mm)**
- PROFESSIIN HI8 CA CORDER WITH 2-CCD PICKUP FOR TRUEST CO OR REPRODUCTION AND SHARPEST DETAIL

## Canon

**L1**
- 15x POWER ZOOM
- Hi-BAND 8mm
- EOS ADAPTER

*Authorized Dealer*

## RCA

**CC177**
- 8:1 Power Zoom
- Flying Erase Head
- 1 Lux Minimum Illumination
- Full Range Autofocus System
- 16x9 Recording
- Automatic Head Cleaner
- Video/Audio Fade Control

## Panasonic

PV-IQ 203 10X Power Zoom.....Call
PV-IQ 303 With Light.....Call
PV-IQ 403 Color Viewfinder.....Call
PV-IQ 503 Color Viewfinder.....Call
PV-800 12x Power Zoom.....Call
PV-810 w/Case & Light.....Call
PV-760.....Call
PV-S770 S-VHS.....Call

VIDEO RECORDERS

## SHARP

Best Quality TV SelectioCall

SONY
JVC
PIONEER

## RCA

**CC517**
- 20:1 Zoom Plus™
- Digital Zoom to 80:1
- Flying Erase Head
- 2 Lux Minimum Illumination
- Quick-Response Infrared Autofocus
- Digital Signal Processing

## RICOH

**R-18H**
- RICOH OPTICS
- 10 X 1 ZOOM
- Hi-Fi STEREO
- PROGRAM AE
- WIRELESS REMOTE
- DIGITAL SUPERIMPOSER

**TOO LOW TO ADVERTISE**

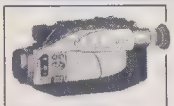
## RCA

**CC180**
- 8:1 Power Zoom Lens
- Auto Focus System
- 3 Lux Low Light Sensitivity
- Variable High-Speed Shutter
- Age Insert
- Flying Erase Head

## JVC

**GR-AW1**
- Water Resistant Body
- 3-Lux Low-Light Sensitivity
- Full Range AF with Auto Macro
- Digital Superimpose with 8 Colors
- 6x Power Zoom Lens

## RCA



**Pro 807**
- 8:1 Power Zoom Lens
- Flying Erase Head
- Full-Function Wireless Remote Control
- 1 Lux Minimum Illumination 1
- Full-Range AutoFocus System
- Program AE (Auto Exposure)

## MINOLTA

**8-848**
- High-band 8mm image quality with Hi-Fi stereo sound.
- Electronic Image Stabilization.
- 8x-64x Tri Zoom in an ultra-slim and lightweight body.
- Digital autofocusing, fuzzy logic control, digital filter & fade.

## RCA

**VR 667HF**
- VCR Plus+1 Programming System with Cable Box Channel Control
- 4-Head Video System
- VHS Hi-Fi Stereo Recording /Playback
- Automatic Head Cleaning System
- Front Audio/Video Input Jacks

## Canon

**UCS2**

- Canon zoom lens for high resolution images
- Hi8 format for superior picture quality
- Connects to any TV or VCR for immediate playback
- Full-range precision Autofocus
- 3-mode Programmed Auto Exposure

## RCA

**Pro 870**
- 16:1 Zoom Plus™
- Digital Zoom to 64:1
- Flying Erase Head
- Full Function Wireless Remote
- 1 Lux Minimum Illumination
- Quick-Response Infrared AutoFocus

## RCA

**CC187**
- 8:1 Power Zoom
- Flying Erase Head
- 3 Lux Minimum Illumination
- Full-Function Wireless VCR/Camcorder
- Full-Range AutoFocus System
- 16x9 Recording

## SONY

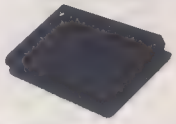
**EDITORS**

XV-T33.....Sketch Titler
XV-C900.....Color Corrector
RM-E700.....Edit Controller
HVT-80A.....Film-to-Video Converter
SB-V700.....Switcher
SB-V900.....Matrix Switcher

*Call for Prices*

## VIDEONICS

**EDITORS**



Video Edit Maker.....Call
Thumbs Up Editor.....Call
Video Equalizer.....Call
Title Maker.....Call
Sound Effects Mixer.....Call

*Call for Prices*

## JVC

**EDITORS**

| | | |
|---|---|---|
| JX-T88 | Video Titler | Call |
| JX-SV55 | Video Editor | Call |
| JX-S300 | A/V Selecter | Call |
| JX-S900 | A/V Selecter | Call |
| CG-V60 | Char. Generator | Call |

*Call for Prices*

## SONY / JVC

MX-S2.....Call
MX-S4.....Call
MX-C5.....Call
MX-C9S.....Call

MHC-510...AM/FM, Cass, CD Call
MHC-610...AM/FM, Cass, CD Call
MHC-1750....5 CD Chamger Call
MHC-2750.....5CD Changer Call
MHC-3750.....5CD Changer Call

## bogen

**PHOTO & VIDEO**

3000 w/3-D Head.....CALL
3003 w/3029 Head.....CALL
3010 w/3-D Head.....CALL
3020 w/3-D Head.....CALL
3023w/3021+3047hd.....CALL
3124 w/3011+mic. hd.....CALL
3150 w/3051+mini hd.....CALL
3170 w/7001+mic. hd.....CALL
3214 w/3211+3047 hd.....CALL

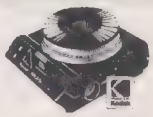
## tamrac

TeleZoom Pak.....19.85

**COMPLETE TAMRAC LINE IN STOCK**
*CALL FOR PRICE*

## AZDEN

## Kodak



**SLIDE PROJECTORS**

4200.....177
4400.....CALL
4600.....CALL
5600.....CALL
102mm f2.8.....CALL
102-150mm Zoom.....CALL

## SUNPAK

**SUNPAK USA WARRANTY**

433AF.....CALL
544, 555.....CALL
622 Super.....CALL
Zoom Head.....39.85
DX-12R Ring Light.....CALL
120J Autopro.....CALL
Auto Pan Head.....CALL

RETURNS OR EXCHANGES MAY BE MADE WITHIN 14 DAYS. RETURNS MAY BE SUBJECT TO A 10% RESTOCKING FEE. SHIPPING AND HANDLING CHARGES ARE NON- REFUNDABLE. WE ARE NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS. PRICES GOOD FOR MAIL ORDER. ONLY ALLOW 2-6 WEEKS FOR BACK ORDERS

**Authorized Dealers of:** SONY MINOLTA JVC Canon RICOH OLYMPUS Quasar RCA PIONEER

Circle 49 on Reader Service Card

"SHOPPING WITH US IS AS PLEASANT AS A WALK IN THE PARK"

# MARINE PARK CAMERA & VIDEO INC.

**BUSINESS HOURS**
Mon-Thur 9:30am to 8:00pm Till 11/29
Mon-Thur 9:30am to 9:00pm From 11/29
Friday 9:30am to 3:30pm
Sat Eve From 12/4 Hrs: 6:00pm to 8:00pm
Sunday 10:00am - 7:00pm
3126 AVENUE U
BROOKLYN N.Y. 11229

## TO ORDER TOLL FREE CALL !

# 1-800-448-8311

FOR INQUIRIES ON PLACED ORDERS 718-891-1844

LOCAL & OVERSEAS CALL 718-891-1878

WE ACCEPT MAJOR CREDIT CARDS WITH ABSOLUTELY NO SURCHARGE

WE SHIP WORLDWIDE ! OVERNIGHT SHIPPING AVAILABLE !

CANON NIKON MINOLTA PENTAX VIVITAR TOKINA SONY JVC PANASONIC SHARP PIONEER

## SONY

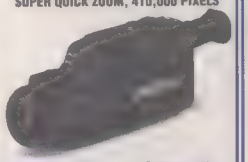
**CCD-TR101 ..... $999.99**
10X1 ZOOM, HI8MM, IMAGE STABILIZER, PALM SIZE

**CCD-TR71 ..... $564.99**
10X1 ZOOM, HI-FI, 2 LUX, PALM SIZE

**CAMCORDERS**

| | |
|---|---|
| CCD-FX710 | 779.99 |
| CCD-FX620 | 684.99 |
| CCD-FX520 | 609.99 |
| CCD-FX420 | 554.99 |
| CCD-FX410 | 519.99 |
| CCD-FX310 | 514.99 |
| CCD-TR500 | CALL |
| CCD-TR300 | 914.99 |
| CCD-TR-91 | 919.99 |
| CCD-TR-81 | 749.99 |
| CCD-TR-65 | 719.99 |
| CCD-TR-61 | 619.99 |
| CCD-TR-31 | 564.99 |
| CCD-TR21 | 579.99 |
| CCD-VX3 | 2794.99 |

**CCD-TR200 ..... $719.99**
HI-8, HOME TERMINAL FEATURE, SUPER QUICK ZOOM, 410,000 PIXELS



**CCD-FX520 ..... $609.99**
10X1 ZOOM, 1 LUX, HI-FI

## Panasonic

**PV-43 ..... $799.99**
PALM SIZE, DIGITAL IMAGE STABILIZER

**PV-IQ503 ..... $669.99**
COLOR LCD, V.F. HI FI STEREO, 1 LUX

**FULL SIZE VHS**

| | |
|---|---|
| PV-S770 | 964.99 |
| PV-810 | 564.99 |
| PV-800 | 544.99 |
| PV-760 | 819.99 |
| PV-710 | 569.99 |
| PV-704 | 489.99 |
| PV-700 | 479.99 |

**VHS-C**

| | |
|---|---|
| PV-IQ503 | 669.99 |
| PV-IQ403 | 599.99 |
| PV-IQ303 | 544.99 |
| PV-IQ203 | 522.99 |
| PV-S63 | 999.99 |
| PV-S62 | 979.99 |
| PV-53 | 889.99 |
| PV-52 | 749.99 |
| PV-43 | 799.99 |
| PV-S372 | 847.99 |
| PV-362 | 643.99 |
| PV-332 | 559.99 |

**PRO INDUSTRIAL LINE**

| | |
|---|---|
| AG-460 | 2239.99 |
| AG-455 | 1529.99 |
| AG-450 | CALL |
| AG-3 | 2349.99 |

**VCRS**

| | |
|---|---|
| AG-W1 | CALL |
| AG-1970 | CALL |
| AG-1740 | 339.99 |
| AG-1270 | 234.99 |
| WJ-MX50 | CALL |
| WJ-MX30 | 2439.99 |
| WJ-MX12 | 1499.99 |
| WJ-AVE5 | 1139.99 |
| WJ-AVE3 | 319.99 |
| WJ-TTL5 | 204.99 |
| AG-A96 | 339.99 |
| CT-1383Y | 239.99 |

## JVC

**GR-M5U .... $509.99**

GR-S71 ... $1229.99 GR-M7U ... $669.99

## SHARP

**VL-L72U ..... $589.99**
VL-HL100U ..... 1399.99
VLMX6 TWIN 8MM ..... 539.99
..... 829.99

## Canon

**L-1 (PRO).....1879.99** **A-1 DIGITAL $1074.99**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| H-850 | 649.99 | UC-S1 | CALL | E-65 | 499.99 | E-250 | 574.99 |
| UC-S5 | CALL | UC-1 | 544.99 | E-700 | CALL | E-230 | 494.99 |
| UC-S3 | CALL | UC-20 | CALL | E-520 | 579.99 | E-210 | 479.99 |
| UC-S2 | 745.99 | E-67 | 614.99 | E-350 | 629.99 | E-06 | 599.99 |

## VIDEO

### Reader Service Card

Name _____ (please print)

Address _____

City _____ State _____ Zip _____

Telephone Number (with Area Code) _____

1. What size is your primary viewing TV?
   20"-25" A☐ 27"-25" B☐ 25"-27" C☐ 35"+ D☐
2. Approximately how many hours per day do you watch TV?
   0-2 E☐ 3-5 F☐ 6-10 G☐
3. How far in advance do you plan your TV viewing?
   1 hour H☐ 1 day I☐ 1 week J☐ No Planning K☐
4. Do you tape "series" programming (i.e. soap operas, mini-series)?
   Yes L☐ No M☐
5. Which sources do you use to plan TV viewing?
   Daily Newspaper N☐ Cable Guide O☐ Weekly Newspaper Insert P☐
   TV Guide Q☐ Other R☐
6. How many programs do you tape per week?
   1-5 S☐ 5-7 T☐ 7+ U☐
7. If programming your VCR was made easier would you record additional shows?
   Yes V☐ No W☐
8. Are you currently a subscriber to VIDEO? Yes X☐ No Y☐

Please circle product numbers to receive desired information

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |
| 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 |
| 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 |
| 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 |
| 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 |

Allow 6-8 weeks for delivery. Card expires 3/19/94 RS1293

## RICOH

**NEW! R-87H**
Hi-8 • Home Terminal Feature
Super Quick Zoom • 410,000 Pixels
IN STOCK ...CALL

**R-18H**
Hi-8 • Digital Image Stabilization • 10:1 Zoom
IN STOCK ...CALL

**NEW R-16 ..... IN STOCK**

## HITACHI

**VM-H38A**
Hi-8 • Digital Image Stabilizer
8x-16x-64x Zoom • 470,000 Pixels • HiFi Stereo • 2 Page Titler • 2 Lux • And More!
CALL

| | |
|---|---|
| VM-H39A | CALL |
| VM-E53A | CALL |
| VM-E55A w/Stabilizer | CALL |

## RCA

**VCR'S**

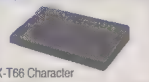
| | |
|---|---|
| VR-319 | CALL |
| VR-321 | CALL |
| VR-323 | CALL |
| VR-501 | CALL |
| VR-506A | CALL |
| VR-526A | CALL |
| VR-537HF | CALL |
| VR-601HF | CALL |
| VR-658HF | CALL |
| VR-664HF | CALL |
| VR-667HF | CALL |
| VR-720HF | CALL |
| VR-800HF 8MM | CALL |

## SUBISHI

| | |
|---|---|
| HS-U56P | 369.99 |
| HS-U56 | 319.99 |
| HS-U48 | 349.99 |
| HS-U38 | 269.99 |
| HS-U36 | 219.99 |

## ACCESSORIES

## JVC



| | |
|---|---|
| JX-T66 Character Generator | 144.99 |
| JX-T88 Character Generator | 259.99 |
| JX-SV55 Video Editing Processor | 334.99 |
| JX-S300 AV Selector | 189.99 |
| JX-S900 Remote Control AV/S-VHS Switcher | 444.99 |

## PIONEER

**LASER DISC**

| | |
|---|---|
| CLD-D702 | 719.99 |
| CLD-D502 | 449.99 |
| CLD-M401 | 434.99 |
| CLD-M301 | 364.99 |
| CLD-S201 | 299.99 |
| CLD-1090 | 349.99 |
| CLD-990 | 289.99 |
| Karaoke CLD-V510 | 429.99 |
| Karaoke CLD-V710 | 529.99 |
| Karaoke CLD-V720 | 514.99 |
| Karaoke CLD-V740 | CALL |
| Karaoke CLD-V820 | 599.99 |
| Karaoke CLD-V840 | CALL |

PIONEER MICROPHONES AVAILABLE

**RECEIVERS**

| | |
|---|---|
| VSX-D1S | 769.99 |
| VSX-D902S | 689.99 |
| VSX-D702S | 499.99 |
| VSX-D602S | 434.99 |
| VSX-512S | 324.99 |
| VSX-502 | 297.99 |
| VSX-452 | 224.99 |
| VSX-402 | 197.99 |
| SX-312R | 169.99 |
| SX-251R | 149.99 |
| SX-201 | 129.99 |

**CD'S PLAYERS**

| | | | |
|---|---|---|---|
| PD-TM3 | 299.99 | PD-TM2 | 294.99 |
| PD-DM902 | 259.99 | PD-DM802 | 219.99 |
| PD-M702 | 174.99 | PD-M552 | 158.99 |
| PD-M502 | 149.99 | PD-202 | 129.99 |
| PD-102 | | | 109.99 |

**CASSETTE DECKS**

| | |
|---|---|
| CT-WM70R | 299.99 |
| CT-WM62R | 284.99 |
| CT-WM60R | 259.99 |
| CT-W802R | 239.99 |
| CT-W602R | 199.99 |
| CT-W502R | 154.99 |
| CT-W402R | 139.99 |
| CT-W302R | 129.99 |

## SONY

**RECEIVERS**

| | |
|---|---|
| STR-D 311 | 124.99 |
| STR-D 511 | 169.99 |
| STR-D 611 | 229.99 |
| STR-D 711 | 264.99 |
| STR-D 911 | 279.99 |
| STR-D 1011 | 389.99 |
| STR-D 2090 | 599.99 |

**CD'S**

| | |
|---|---|
| CDP-C910 | 274.99 |
| CDP-C735 | 269.99 |
| CDP-C625 | 229.99 |
| CDP-C535 | 229.99 |
| CDP-C435 | 169.99 |
| CDP-C335 | 164.99 |
| CDP-C235 | 149.99 |

**LASER DISCS**

| | |
|---|---|
| MDP-605 | 534.99 |
| MDP-600 | CALL |
| MDP-455 | 344.99 |
| MDP-K5 Karaoke | 729.99 |

**CASSETTE DECKS**

| | |
|---|---|
| TCK-611S | 249.99 |
| TC-C5 | 219.99 |
| TC-WR635S | 196.99 |
| TC-WR535 | 149.99 |
| TC-W435 | 139.99 |

SONY MZ-1 MINI DISC PORTABLE RECORDER ONLY $579

**MINI COMPONENT SYSTEMS**

| | |
|---|---|
| MHC-C90 | 699.99 |
| MHC-C70 | 569.99 |
| MHC-C50 | 429.99 |
| MHC-610 | 384.99 |
| MHC-510 | 319.99 |
| RME-300 | 479.99 |
| RME-700 | 629.99 |

## JVC

**RECEIVERS**

| | |
|---|---|
| RX-1050 VTN | 839.99 |
| RX-905 VTN | 579.99 |
| RX-809 VTN | 344.99 |
| RX-709 VTN | 274.99 |
| RX-509 VTN | 209.99 |

**CASSETTE DECKS**

| | |
|---|---|
| TD-V1050 TN | 369.99 |
| TD-V 661TN | CALL |
| TD-R 441 TN | CALL |
| TD-W709 TN | CALL |
| TD-W309 TN | 149.99 |

**CD'S**

| | |
|---|---|
| XL-Z1050 TN | 439.99 |
| XL-Z451 TN | 124.99 |
| XL-M409TN | 179.99 |

er certified check or cashiers check. Please allow 4 weeks for Personal checks. Call for Shipping & Handling charges. Any refunds or exchanges must be made within 14 days cking and unfilled warranty cards. Manufacturers box must be clean of any tape, writing or mutilations. **NO EXCEPTIONS**. These are phone and mail order prices only. Store e salespersons name. Some products carry international warranties. USA warranteed products vary in cost. Quantities are limited. We reserve the right to limit quantities. Not

ervice Card.

# CAMERA sound OF PENNSYLVANIA

U.S. & CANADA CALL TOLL FREE **1-800-477-0022**

Inquiries and Customer Service (215) 889-7358 FAX (215) 647-5830

**WORLD'S LARGEST PHOTO & VIDEO CAMCORDER DEALER!**

**Valley Forge**
Best Plaza by The Music Fair
202 to Devon Exit
260 West Swedesford Rd.
Berwyn, PA 19312
215-889-3960
Hours: 10-9, Sun. 12-5

**Philadelphia**
1104 Chestnut St.
Phila., PA 19107
11th & Chestnut St.
Park Free (10th & Ludlow)
215-627-9580
Hours: 10-7

**Oxford Valley**
Oxford Point Shopping Center
Rt. 1 & Oxford Valley Road
110 Lincoln Highway
Fairless Hills, PA 19030
215-949-1086
Hours: 10-9, Sun. 12-5

FEDERAL EXPRESS

## Canon

**A-1 Digital**
- DIGITAL SIGNAL PROC.
- AUTO TRACKING FOCUS /BACKLIGHTING CONTROL
- TRUE TO LIFE AFM Hi-Fi STEREO SOUND

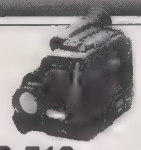
**E250**
- 12x POWER ZOOM
- Hi-Fi STEREO
- WIRELESS
- REMOTE CONTROL

**UCS1**
- 10x AUTO FOCUS
- Hi-BAND 8mm
- FULLY AUTOMATIC

*Authorized Dealer*

## SONY
Camcorders
Laser Disk Players
VCRs
Portable Audio
Hi-Fi

## MINOLTA



**C-518 (VHS-C)**
- LIGHTWEIGHT, ULTRA-COMPACT DESIGN
- 8X POWER ZOOM LENS WITH AUTO MACRO
- 1 LUX LOW-LIGHT RECORDING

**8-438 (8mm)**
- EASY OPERATION, DIGITAL SIGNAL PROCESSING
- 16X DIGITAL ZOOM
- LOW LIGHT RECORDING

*Authorized Dealer*

**8-918 (Hi-Band 8mm)**
- PROFESSIIN HI8 CA CORDER WITH 2-CCD PICKUP FOR TRUEST CO OR REPRODUCTION AND SHARPEST DETAIL

## Canon

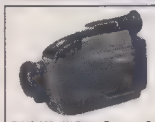
**L1**
- 15x POWER ZOOM
- Hi-BAND 8mm
- EOS ADAPTER

*Authorized Dealer*

## RCA

**CC177**
- 8:1 Power Zoom
- Flying Erase Head
- 1 Lux Minimum Illumination
- Full Range Autofocus System
- 16x9 Recording
- Automatic Head Cleaner
- Video/Audio Fade Control

## Panasonic



PV-IQ 203 10X Power Zoom .....Call
PV-IQ 303 With Light.....Call
PV-IQ 403 Color Viewfinder.....Call
PV-IQ 503 Color Viewfinder.....Call
PV-800 12x Power Zoom .....Call
PV-810 w/Case & Light .....Call
PV-760 .....Call
PV-S770 S-VHS .....Call

VIDEO RECORDERS

## SHARP

Best Quality TV SelectioCall

SONY
JVC
PIONEER

## RCA

**CC517**
- 20:1 Zoom Plus™
- Digital Zoom to 80:1
- Flying Erase Head
- 2 Lux Minimum Illumination
- Quick-Response Infrared Autofocus
- Digital Signal Processing

## RICOH

**R-18H**
- RICOH OPTICS
- 10 X 1 ZOOM
- Hi-Fi STEREO
- PROGRAM AE
- WIRELESS REMOTE
- DIGITAL SUPERIMPOSER

TOO LOW TO ADVERTISE

## RCA

**CC180**
- 8:1 Power Zoom Lens
- Auto Focus System
- 3 Lux Low Light Sensitivity
- Variable High-Speed Shutter
- Age Insert
- Flying Erase Head

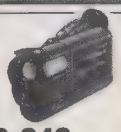
## JVC

**GR-AW1**
- Water Resistant Body
- 3-Lux Low-Light Sensitivity
- Full Range AF with Auto Macro
- Digital Superimpose with 8 Colors
- 6x Power Zoom Lens

## RCA

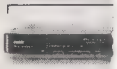
**Pro 807**
- 8:1 Power Zoom Lens
- Flying Erase Head
- Full-Function Wireless Remote Control
- 1 Lux Minimum Illumination 1
- Full-Range AutoFocus System
- Program AE (Auto Exposure)

## MINOLTA



**8-848**
- High-band 8mm image quality with Hi-Fi stereo sound.
- Electronic Image Stabilization.
- 8x-64x Tri Zoom in an ultra-slim and lightweight body.
- Digital autofocusing, AI fuzzy logic control, digital filter & fade.

## RC



**VR 667**
- VCR Plus+1 Progra System with Cable F Channel Control
- 4-Head Video Syste
- VHS Hi-Fi Stereo R /Playback
- Automatic Head Cle System
- Front Audio/Video I

## SONY

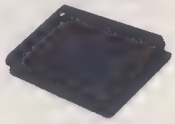
**EDITORS**

XV-T33.....Sketch Titler
XV-C900.....Color Corrector
RM-E700.....Edit Controller
HVT-80A.....Film-to-Video Converter
SB-V700.....Switcher
SB-V900.....Matrix Switcher

*Call for Prices*

## VIDEONICS

**EDITORS**

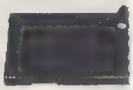


Video Edit Maker.....Call
Thumbs Up Editor.....Call
Video Equalizer.....Call
Title Maker.....Call
Sound Effects Mixer.....Call

*Call for Prices*

## JV

**EDITO**



JX-T88 Video Titl
JX-SV55 Video Edi
JX-S300 A/V Selec
JX-S900 A/V Selec
CG-V60 Char. Ger

*Call for Pr*

## bogen

PHOTO & VIDEO

3000 w/3-D Head.....CALL
3003 w/3029 Head.....CALL
3010 w/3-D Head.....CALL
3020 w/3-D Head.....CALL
3023w/3021+3047hd.....CALL
3124 w/3011+mic. hd.....CALL
3150 w/3051+mini hd.....CALL
3170 w/7001+mic. hd.....CALL
3214 w/3211+3047 hd.....CALL

## tamrac

TeleZoom Pak.....19.85

**COMPLETE TAMRAC LINE IN STOCK**
*CALL FOR PRICE*

## AZ

RETURNS OR EXCHANGES MAY BE MADE WITHIN 14 DAYS. RETURNS MAY BE SUBJECT TO A 10% RESTOCKING FEE. SHIPPING AND HANDLING CHARGES ARE NON-

**Authorized Dealers of: SONY MINOLTA JVC Canon**

Circle 49 on Rea


VIDEO
460 West 34th Street
New York, NY 10117-0460

PLACE STAMP HERE

"SHOPPING WITH US IS AS PLEASANT AS A WALK IN THE PARK"

# MARINE PARK CAMERA & VIDEO INC.

## TO ORDER TOLL FREE CALL !

**1-800-448-8311**

**BUSINESS HOURS**
Mon-Thur 9:30am to 8:00pm Till 11/29
Mon-Thur 9:30am to 9:00pm From 11/29
Friday 9:30am to 3:30pm
Sat Eve From 12/4 Hrs: 6:00pm to 8:00pm
Sunday 10:00am - 7:00pm
3126 AVENUE U
BROOKLYN N.Y. 11229

FOR INQUIRIES ON PLACED ORDERS 718-891-1844

LOCAL & OVERSEAS CALL 718-891-1878

WE ACCEPT MAJOR CREDIT CARDS WITH ABSOLUTELY NO PURCHASE CHARGE

COD

WE SHIP WORLDWIDE ! OVERNIGHT SHIPPING AVAILABLE !

CANON NIKON MINOLTA PENTAX VIVITAR TOKINA SONY JVC PANASONIC SHARP PIONEER

## SONY

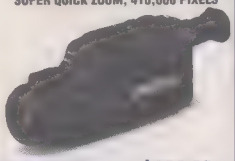
**CCD-TR101 ..... $999.99**
10X1 ZOOM, HIBMM, IMAGE STABILIZER, PALM SIZE

**CCD-TR71 ..... $564.99**
10X1 ZOOM, HI-FI, 2 LUX, PALM SIZE

**CAMCORDERS**

| | |
|---|---|
| CCD-FX710 | 779.99 |
| CCD-FX620 | 684.99 |
| CCD-FX520 | 609.99 |
| CCD-FX420 | 554.99 |
| CCD-FX410 | 519.99 |
| CCD-FX310 | 514.99 |
| CCD-TR500 | CALL |
| CCD-TR300 | 914.99 |
| CCD-TR-91 | 919.99 |
| CCD-TR-81 | 749.99 |
| CCD-TR-65 | 719.99 |
| CCD-TR-61 | 619.99 |
| CCD-TR-31 | 564.99 |
| CCD-TR21 | 579.99 |
| CCD-VX3 | 2794.99 |

**CCD-TR200 ..... $719.99**
HI-8, HOME TERMINAL FEATURE, SUPER QUICK ZOOM, 410,000 PIXELS



**CCD-FX520 ..... $609.99**
10X1 ZOOM, 1 LUX, HI-FI

## Panasonic

**FULL SIZE VHS**

| | |
|---|---|
| PV-S770 | 964.99 |
| PV-810 | 564.99 |
| PV-800 | 544.99 |
| PV-760 | 819.99 |
| PV-710 | 569.99 |
| PV-704 | 489.99 |
| PV-700 | 479.99 |

**PV-43 ..... $799.99**
PALM SIZE, DIGITAL IMAGE STABILIZER

**PV-IQ503 ..... $669.99**
COLOR LCD, V.F. HI FI STEREO, 1 LUX

**VHS-C**

| | |
|---|---|
| PV-IQ503 | 669.99 |
| PV-IQ403 | 599.99 |
| PV-IQ303 | 544.99 |
| PV-IQ203 | 522.99 |
| PV-S63 | 999.99 |
| PV-S62 | 979.99 |
| PV-53 | 889.99 |
| PV-52 | 749.99 |
| PV-43 | 799.99 |
| PV-S372 | 847.99 |
| PV-362 | 643.99 |
| PV-332 | 559.99 |

**PRO INDUSTRIAL LINE**

| | |
|---|---|
| AG-460 | 2239.99 |
| AG-455 | 1529.99 |
| AG-450 | CALL |
| AG-3 | 2349.99 |

**VCRS**

| | |
|---|---|
| AG-W1 | CALL |
| AG-1970 | CALL |
| AG-1740 | 339.99 |
| AG-1270 | 234.99 |
| WJ-MX50 | CALL |
| WJ-MX30 | 2439.99 |
| WJ-MX12 | 1499.99 |
| WJ-AVE5 | 1139.99 |
| WJ-AVE3 | 319.99 |
| WJ-TTL5 | 204.99 |
| AG-A96 | 339.99 |
| CT-1383Y | 239.99 |

## JVC

**GR-M5U .... $509.99**

**GR-SZ1 ..... $1229.99**

**GR-M7U ... $669.99**

| | | | |
|---|---|---|---|
| GR-AX5 | 489.99 | GR-AX25U | 509.99 |
| GR-AX75U | 789.99 | GR-AW1 WATER RESISTANT | 879.99 |
| GR-AX55U | 599.99 | GR-M5U | 509.99 |
| GR-AX35U | 549.99 | GR-M3U | 464.99 |
| GR-AX33 | 544.99 | GR-SX90 | 709.99 |

PLEASE CALL FOR OTHER JVC PRODUCTS

## SHARP

**VL-L63U ..... CALL**

**VL-L72U ..... $589.99**

| | | | |
|---|---|---|---|
| VL-N1U | 524.99 | VL-HL100U | 1399.99 |
| VL-HX10U | CALL | VLMX6 TWIN 8MM | 539.99 |
| VI-E30 | 829.99 | | |

## Canon

**L-1 (PRO).....1879.99**

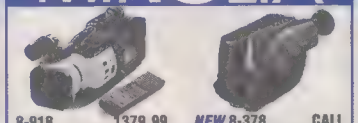
**A-1 DIGITAL $1074.99**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| H-850 | 649.99 | UC-S1 | CALL | E-65 | 499.99 | E-250 | 574.99 |
| UC-S5 | CALL | UC-1 | 544.99 | E-700 | CALL | E-230 | 494.99 |
| UC-S3 | CALL | UC-20 | CALL | E-520 | 579.99 | E-210 | 479.99 |
| UC-S2 | 745.99 | E-67 | 614.99 | E-350 | 629.99 | E-06 | 599.99 |

## RCA

| | | | |
|---|---|---|---|
| CC-540 VHS | CALL | PRO 930 8MM | CALL |
| CC-412 VHS | CALL | PRO 883 8MM | CALL |
| CC-190 VHS-C | CALL | PRO 840 8MM | CALL |
| CC-188 VHS-C | CALL | PRO 830 8MM | CALL |
| CC-178 VHS-C | CALL | PRO 808 8MM | CALL |
| CC-174 VHS-C | CALL | | |

## MINOLTA



| | | | |
|---|---|---|---|
| 8-918 | 1379.99 | NEW 8-378 | CALL |
| 8-848 | CALL | 8-438 | CALL |
| 8-808 | CALL | 8-428 | 509.99 |
| NEW 8-778 | CALL | NEW CC-560 | CALL |
| NEW CC-550 | CALL | | |

## RICOH

**NEW! R-87H**
Hi-8 • Home Terminal Feature
Super Quick Zoom • 410,000 Pixels
IN STOCK ...CALL

**R-18H**
Hi-8 • Digital Image Stabilization • 10:1 Zoom
IN STOCK ...CALL

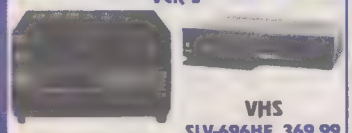
NEW R-16 ..... IN STOCK

## HITACHI

**VM-H38A**
Hi-8 • Digital Image Stabilizer
8x-16x-64x Zoom • 470,000 Pixels • HiFi Stereo • Page Titler • 2 Lux• And More!
CALL

| | |
|---|---|
| VM-H39A | CALL |
| VM-E53A | CALL |
| VM-E55A w/Stabilizer | CALL |

## SONY VCR'S



**8MM**

**EV-A50 ..... 332.99**

| | |
|---|---|
| EV-C40 | CALL |
| EV-S550 | 444.99 |
| EV-C100 | CALL |
| EV-S2000 | CALL |
| EV-S3000 | 1199.99 |
| EV-S900 | 1299.99 |
| GV-S50 | 735.99 |
| GV-M20 | 549.99 |

PLEASE CALL FOR OTHER SONY PRODUCTS

**VHS**

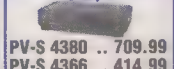
**SLV-696HF 369.99**

| | |
|---|---|
| SLV-R5 | 794.99 |
| SLV-R1000 | 889.99 |
| NEW SLV-900HF | 417.99 |
| NEW SLV-750HF | 384.99 |
| NEW SLV-700HF | CALL |
| SLV-696HF | 369.99 |
| SLV-595HF | 324.99 |
| NEW SLV-400 | 234.99 |

**BETA**

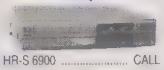
| | |
|---|---|
| SL-S600 | 264.99 |
| SL-HF360 | 344.99 |
| SL-HF2100 | 1089.99 |
| SL-HF2000 | CALL |

## Panasonic VCR'S



| | |
|---|---|
| PV-S 4380 | 709.99 |
| PV-S 4366 | 414.99 |
| PV-S4362 | 334.99 |
| PV-4361 | 304.99 |
| PV-4351 | 249.99 |
| PV-4314 | 239.99 |
| PV-4311 | 204.99 |
| PV-4301 | 199.99 |
| PV-2301 | 164.99 |
| PV-S 4280 | 554.99 |
| PV-S 4270 | 389.99 |
| PV-S 4266 | 369.99 |
| PV-4264 | 364.99 |
| PV-4262 | 299.99 |
| PV-4260 | 279.99 |
| PV-4250 | 259.99 |
| PV-4210 | 199.99 |

## JVC VCR'S



| | |
|---|---|
| HR-S 6900 | CALL |
| HR-S 6800 | 559.99 |
| HR-S 4900 | CALL |
| HR-S 4700 | 424.99 |
| HR-VP700 | 369.99 |
| HR-VP606 | 334.99 |
| HR-VP604 | 299.99 |
| HR-VP404 | 219.99 |
| HR-J600 | 279.99 |
| HR-J400 | 199.99 |
| HR-J200 | 179.99 |

## RCA VCR'S

| | |
|---|---|
| VR-319 | CALL |
| VR-321 | CALL |
| VR-323 | CALL |
| VR-501 | CALL |
| VR-506A | CALL |
| VR-526A | CALL |
| VR-537HF | CALL |
| VR-601HF | CALL |
| VR-658HF | CALL |
| VR-664HF | CALL |
| VR-667HF | CALL |
| VR-720HF | CALL |
| VR-800HF 8MM | CALL |

## MITSUBISHI

| | | | |
|---|---|---|---|
| HS-U82 | 739.99 | HS-U56P | 369.99 |
| HS-U69 | CALL | HS-U56 | 319.99 |
| HS-U65 | 569.99 | HS-U48 | 349.99 |
| HS-U59 | 464.99 | HS-U38 | 269.99 |
| HS-U58 | 379.99 | HS-U36 | 219.99 |

## PIONEER

**LASER DISC**

| | |
|---|---|
| CLD-D702 | 719.99 |
| CLD-D502 | 449.99 |
| CLD-M401 | 434.99 |
| CLD-M301 | 364.99 |
| CLD-S201 | 299.99 |
| CLD-1090 | 349.99 |
| CLD-990 | 289.99 |
| Karaoke CLD-V510 | 429.99 |
| Karaoke CLD-V710 | 529.99 |
| Karaoke CLD-V720 | 514.99 |
| Karaoke CLD-V740 | CALL |
| Karaoke CLD-V820 | 599.99 |
| Karaoke CLD-V840 | CALL |

PIONEER MICROPHONES AVAILABLE

**RECEIVERS**

| | |
|---|---|
| VSX-D1S | 769.99 |
| VSX-D902S | 689.99 |
| VSX-D702S | 499.99 |
| VSX-D602S | 434.99 |
| VSX-512S | 324.99 |
| VSX-502 | 297.99 |
| VSX-452 | 224.99 |
| VSX-402 | 197.99 |
| SX-312R | 169.99 |
| SX-251R | 149.99 |
| SX-201 | 129.99 |

**CD'S PLAYERS**

| | | | |
|---|---|---|---|
| PD-TM3 | 299.99 | PD-TM2 | 294.99 |
| PD-DM902 | 259.99 | PD-DM802 | 219.99 |
| PD-M702 | 174.99 | PD-M552 | 158.99 |
| PD-M502 | 149.99 | PD-202 | 129.99 |
| PD-102 | | | 109.99 |

**CASSETTE DECKS**

| | |
|---|---|
| CT-WM70R | 299.99 |
| CT-WM62R | 284.99 |
| CT-WM60R | 259.99 |
| CT-W802R | 239.99 |
| CT-W602R | 199.99 |
| CT-W502R | 154.99 |
| CT-W402R | 139.99 |
| CT-W302R | 129.99 |

## SONY

**RECEIVERS**

| | |
|---|---|
| STR-D 311 | 124.99 |
| STR-D 511 | 169.99 |
| STR-D 611 | 229.99 |
| STR-D 711 | 264.99 |
| STR-D 911 | 279.99 |
| STR-D 1011 | 389.99 |
| STR-D 2090 | 599.99 |

**LASER DISCS**

| | |
|---|---|
| MDP-605 | 534.99 |
| MDP-600 | CALL |
| MDP-455 | 344.99 |
| MDP-K5 Karaoke | 729.99 |

**CASSETTE DECKS**

| | |
|---|---|
| TCK-611S | 249.99 |
| TC-C5 | 219.99 |
| TC-WR635S | 196.99 |
| TC-WR535 | 149.99 |
| TC-W435 | 139.99 |

**CD'S**

| | |
|---|---|
| CDP-C910 | 274.99 |
| CDP-C735 | 269.99 |
| CDP-C625 | 229.99 |
| CDP-C535 | 229.99 |
| CDP-C435 | 169.99 |
| CDP-C335 | 164.99 |
| CDP-C235 | 149.99 |

**SONY MZ-1**
MINI DISC PORTABLE RECORDER
ONLY $579

**MINI COMPONENT SYSTEMS**

| | |
|---|---|
| MHC-C90 | 699.99 |
| MHC-C70 | 569.99 |
| MHC-C50 | 429.99 |
| MHC-610 | 384.99 |
| MHC-510 | 319.99 |
| RME-300 | 479.99 |
| RME-700 | 629.99 |

## JVC

**RECEIVERS**

| | |
|---|---|
| RX-1050 VTN | 839.99 |
| RX-905 VTN | 579.99 |
| RX-809 VTN | 344.99 |
| RX-709 VTN | 274.99 |
| RX-509 VTN | 209.99 |

**CASSETTE DECKS**

| | |
|---|---|
| TD-V1050 TN | 369.99 |
| TD-V 661TN | CALL |
| TD-R 441 TN | CALL |
| TD-W709 TN | CALL |
| TD-W309 TN | 149.99 |

**CD'S**

| | |
|---|---|
| XL-Z1050 TN | 439.99 |
| XL-Z451 TN | 124.99 |
| XLM-409TN | 179.99 |

## ACCESSORIES

### VIDEONICS

| | |
|---|---|
| Edit Maker | 449.99 |
| Video Equalizer | 209.99 |
| Thumbs Up Video Editor | 144.99 |
| Processor Plus | 111.99 |
| Sound Effects Mixer | 109 .99 |
| Video Title Maker | 329.99 |
| Direct Ed Plus | 359.99 |
| Graphics Libraries | 37.99 |
| MX-1 Mixer | CALL |

### sima

| | |
|---|---|
| ED/it 2 | 64.99 |
| ED/it 3 | 124.99 |
| FX ED/it 4 | 179.99 |
| FX ED/it 5 | CALL |
| Screenwriter | 124.99 |
| Copy Kit 2 | 29.99 |
| Copy Kit 3 | 74.99 |
| Stereo Sound Mixer | 44.99 |
| Video Prop | 23.99 |
| Booster Box | 19.99 |

### CITIZEN

**COLOR MONITORS**

M-329 3" .. 119.99
M-938 3.8" 189.99

| | |
|---|---|
| M-329 MkII | CALL |
| TV Tuner | 59.99 |
| Car Adapter | 29.99 |
| AC Adapter | 19.99 |
| M-329 3 inch color Monitor PAL available | 119.99 |

### SUNPAK

| | |
|---|---|
| NEW! CZ200 Auto | 54.99 |
| NEW! CZ200 | 44.99 |
| CV300 Auto | 79.99 |
| CV-300 | 49.99 |
| CV-320 | 39.99 |
| CV-20S Auto | CALL |
| Ready Light | CALL |
| Remote Control AutoPan Head -AP1000 | 229.99 |

### JVC

| | |
|---|---|
| JX-T66 Character Generator | 144.99 |
| JX-T88 Character Generator | 259.99 |
| JX-SV55 Video Editing Processor | 334.99 |
| JX-S300 AV Selector | 189.99 |
| JX-S900 Remote Control AV/S-VHS Switcher | 444.99 |

Prices Valid only through the corresponding Magazine issue. All Merchandise is brand new. **To Order:** Use any major credit card. COD's are welcome or send a money order, certified check or cashiers check. Please allow 4 weeks for Personal checks. Call for Shipping & Handling charges. Any refunds or exchanges must be made within 14 days of receipt of goods. All refund are subject to a 5% restocking fee. Shipping and Handling fee is non-refundable. All returns must be in original mint condition with original packing and untilled warranty cards. Manufacturers box must be clean of any tape, writing or mutilations. **NO EXCEPTIONS**. These are phone and mail order prices only. Store prices and availability are different. If you wish to come into the store, please call ahead to check on availability and to reserve merchandise with salesperson. Remember the salespersons name. Some products carry international warranties. USA warranteed products vary in cost. Quantities are limited. We reserve the right to limit quantities. Not responsible for typographical errors.

Circle 50 on Reader Service Card.

# VIDEO CLASSIFIEDS

To place an advertisement in VIDEO Magazine's Classifieds:

**REQUIREMENTS:**
Payment must accompany advertisement. We accept checks, money orders and Mastercard/Visa. NOTE: ADVERTISERS USING A P.O. BOX NUMBER MUST INCLUDE PERMANENT STREET ADDRESS, TELEPHONE NUMBER AND CONTACT PERSON'S NAME FOR VIDEO MAGAZINE'S RECORDS. ADVERTISEMENTS RECEIVED WITHOUT THIS INFORMATION WILL NOT BE ACCEPTED.

All advertisements are subject to Publisher's approval. VIDEO Magazine is not responsible for typographical errors. No "regular" advertisements will be allowed for the exchange, rental, trade, or sale of videotapes due to the potential problem of copyright infringement. No advertisement will be accepted which offer for sale products or services that have been illegal because they infringe on copyright protection or other forms of property ownership.

Advertisers must guarantee publisher that none of the materials and/or services sold through the advertisement violates any federal laws. Any violators will be barred from future advertising in the magazine.

**WORD ADVERTISEMENT:**
Per Word: $6.00 (15 word minimum)
All words regardless of length, abbreviation, symbol or numeral will be counted as one word. P.O. Box numbers/Street address are counted as two words; City/State/Zip Code are counted as two words.

**DISPLAY ADVERTISEMENT:**
Per Inch:

| 1X | 6X | 12X |
|---|---|---|
| $535 | $514 | $462 |

Camera ready art required and pre-payment.

Please mail all advertising copy to:
VIDEO MAGAZINE CLASSIFIEDS
460 West 34th Street
New York, NY 10001
(212) 947-6500, FAX (212) 947-6727

| ISSUE | RESERVE | MAT. |
|---|---|---|
| January 1994 | 11/4/93 | 11/11/93 |
| February 1994 | 11/24/93 | 12/2/93 |
| March 1994 | 12/30/93 | 1/6/94 |
| April 1994 | 1/27/94 | 2/3/94 |

VISA MasterCard

## ACCESSORIES

**ESCAPE RIP OFF PRICES ON SO-CALLED S-VIDEO BLANK TAPE!** SuperVid's Pocket Tool converts standard cassettes! Works for SVHS and Hi8! Fast! Safe! Easy! Self-contained! Free 60 day trial! Send $19.95, $2 shipping: SuperVid Dept LV, 3382 Border Dr., Stone Mountain, GA 30087. REVOLUTIONARY TOOL! VHS-C to SVHS-C conversion! Same price! "How and Why: Recording Standard Tape in S-video" booklet! Free upon request! SuperVid! (404) 413-8674 Anytime!

## AMATEUR

**CANDID EUROPEAN NUDIST videos.** 19 NEW releases. Contests, skinnydipping. Catalog $3. NatFam(VV), Box 838, Venice, CA 90294.

**AMATEUR BUNS + PROFESSIONAL PRODUCTION = INCREDIBLY SEXY TEASING!** $40. State Age. **"LEWIS"**, 3739 Balboa St., Box 200-VMA, San Francisco, CA 94121

**CUTIES AT THE BEACH.** Stunning 2-hr video essays of Youth in Motion under the sun. VHS and S-VHS. VHS Beach 1 $29. $3 Catalog. JD Video, 4001 S. Decatur, #410-A, Las Vegas, NV 89103.

**Missing Nudist Movies of the 20's - 90's** Full Length Feature Films. VHS Sampler-$20.00 Color catalog $5.00. IDEN, 2709 4th Street, Suite 5, Santa Monica, CA 90405 1-310-392-0046.

**Raised Skirt Videos!** Sexy Amateur College Coeds! Catalog $1.00 PROCORV, P.O. Box 649 Bowie, MD 20718-0649. 1-800-215-3846

**FOREIGN & AMATEUR ADULT VIDEOS!** Pure Fantasy and More! Kinkiest themes. Catalog $3 PFM Box 2365(v) Loop Station, MPLS., MN 55402

**GIRLS IN LINGERIE AND LESS!** Infopak $5. Video $19.95. Visa/MC. HOTT, 129 East Colorado Blvd., #120-V, Monrovia, CA 91016

## BLANK TAPES

**BLANK COMMERCIAL GRADE TAPE** T-5 TO T-15 $1.00 EA., T-20 TO T-30 $1.35 EA. FOR LONGER LENGTH CALL (215) 434-4653 OR WRITE TO VHS TAPE WAREHOUSE 1013 SO. FOUNTAIN ST., ALLENTOWN, PA 18103. WE SHIP UPS, COD.

## BOOKS & PUBLICATIONS

**DENMARK, HOLLAND-new releases.** Nudism lifestyle: family recreation. Videos, magazines. Infopak $3. Lifestyles-V, Box 661268, Los Angeles, CA 90066

**The Beauty of Youth** tastefully explored in photography and art. Books featuring work by Ovenden, Mann, Hamilton, Sturges, Ionesco, Saudek, Henson, a.o. $2 catalog. Ophelia Editions, P.O. Box 2377, New York, NY 10185.

**Learn to Perform Expert Cunnilingus Using These Simple, Proven Techniques! Free Details! JK Enterprises, 384 Penobscot Building, Detroit MI 48226**

## BUSINESS OPPORTUNITIES

**"VIDEO STORE SECRETS."** How To Open Videotape Rental Store With No Money. Complete Details $5.00: Layton Books, P.O. Box 934-V, South Boston, VA 24592.

## CABLE

**PREVENT DESCRAMBLER DAMAGE - DON'T BITE THE BULLET!!!** Snooper Stopper Data Pulse Blocker $34.95 - Data Blocker with Dual Surge Protection $54.95 - Wireless Video Sender $54.95 - Remote Control A/B Switch $39.95 - Video Connections, Inc. 1-800-925-9426.

**DIGITAL VIDEO STABILIZER** Removes all video tape copy protection, caused by copy guard, on pre-recorded tapes $54.95 - Video Connections, Inc. 1-800-925-9426.

**Cable Equipment Scientific Atlanta 8580's 8600's Pioneer Zenith 1086's 1600's General Instruments DPV-5 DPV-7 (800) 765-4124.**

**CABLE TV CONVERTERS,** Jerrold, Oak, Scientific Atlanta, Zenith and many others. New MTS stereo addon: Mute and volume ideal for 400 and 450 owners! VISA/MC/AmEx **1-800-826-7623. B&B INC. 3584 Kennebec, Eagan, MN 55122.**

**SECRET CABLE DESCRAMBLERS!** Build your own Descrambler for LESS than $12.00 in SEVEN EASY STEPS! RADIO SHACK Parts List and FREE Descrambling Methods that COST NOTHING To Try, Included. Send $10.00 To: Information Factory, Dept. 7, P.O. Box 1790, Baytown, TX 77522.

**CABLE DESCRAMBLERS,** test turn-on kits, bullets stoppers. We have the lowest prices in the industry, because we have no catalog, and no 800 numbers! Call everyone else, then call us for the best price. Cash paid for cable equipment. No Florida sales. 305-425-0751.

**CABLE T.V. CONVERTERS** JERROLD ®, ZENITH, PIONEER, OAK, Scientific Atlanta, and many more. 12 years experience gives us the **ADVANTAGE** VISA/MC AMEX COD. ADVANTAGE nELECTRONICS, INC. **1-800-952-3916** 1125 Riverwood Dr., Burnsville, MN 55337.

**National Distributor Goes Retail!** Decoders, Descramblers, Converters and Combos. We've got them all at the lowest, lowest, lowest prices. Call for our weekly specials on Zenith, Jerrold Scientific Atlanta, and Pioneer. 1-800-854-7117.

**CABLE TV DESCRAMBLERS** - We carry all brands. Giant inventory direct from factory. Must liquidate our overstocked warehouse. Best equipment, best guarantee, below wholesale pricing. **THIS GIVES US THE ADVANTAGE. CABLE BOXES, INC.** 1127 Hilltop Drive, St. Louis, MO. 63132, 1-800-237-4951.

## CATALOGS

**TV GUIDES 1950-1993.** CATALOGUE $2.50. TV AND MOVIE MAGAZINES, PHOTOS, MACGYVER, CATALOGUE $3.00. ROGOFSKY, BOX 107-VM, GLEN OAKS, NY 11004

**Foreign Movie Buff?** Catalog of Polish video's, $1.00. POLART 5973 Cattlemen Lane, Sarasotoa, FL. 34232 (813) 378-9393

**VIDEO RENTAL PROGRAM.** 400 Unusual, All Catagories $5.00 Each, Catalog $2.00, NMPC, P.O. BOX 140307 Coral Gables, FL. 33114

## EDUCATION/INSTRUCTIONS

**JOBS IN TV** - Information about exciting and well paying field and where to find training. Send $10.00 to Cimmarron Communications, POB 802736B, Santa Clarita, CA. 91380-2736.

**TERMPAPER ASSISTANCE.** 19,278 papers available! 306-page catalog--rush $2.00. Research, 11322 Idaho, #206VT, Los Angeles 90025. Toll-Free Hotline: 800-351-0222 (California: 310-477-8226)

## VIDEO CLASSIFIEDS

**FILM SEARCH.** We obtain hard-to-find films(pre-1970) on video. We're expensive, but good. 5 searches $5.00 & S.A.S.E. Video Finders, 1770 N. Highland Avenue #721-vmg, Los Angeles, CA 90028.

**1,000,000 VIDEOMOVIES/SOUNDTRACK LPS!** Video Catalogue---$1.00. Descriptive Catalogue--$9.95. Soundtracks---$1.00. RTS/VE82, Box 93897, Las Vegas, Nevada 89193.

**MILITARY AND POLITICAL HISTORY ON VIDEOCASSETTE.** Send $2.00 for catalog to International Historic Films, Inc. Box 29035 Dept. V Chicago, IL 60629

**AMATURE VIDEOS!** SEND $3 FOR LIST. WILL BE REFUNDED WITH FIRST ORDER. WCECO, BOX 9803 F.V. CA. 92728-9803

**NUDIST AEROBICS, BALLET, GYMNASTICS, PARTIES.** Family naturist activities. Special $60 Previews tape. Catalog $3. Natuurlijk, Box 5278VI, Santa Monica, CA 90409

**RARE TV SHOWS!** Programs from the 1940s through last night unavailable elsewhere! Call **"THE TV Connection" - (818) 709-8813.**

**JOIN US FOR A HAPPY NOOD YEAR!!** Noodist Videos & Magazines for the entire family. Highest quality from $29.95. Send $3.00 for color brochure. BB Enterprizes 2762-A W. Broadway Los Angeles, CA 90041.

*** Free Sunshine. NUdist Big Mail Video Directory Offer. 300 + Sources.** Preview Video - $25.00 color catalog $3.00. Genesis-V Box 5653 Santa Monica, California 90409 1-310-392-0046

**TAHITIAN DANCING GIRLS** performing forbidden "TAMURE" Video $50.00 Brazil Video, P.O. Box 8572, La Jolla, CA 92038

**Sexy Babes! Explicit Nudes!** Ponderosa July 1993 (2 Hrs.): VHS $30: S-VHS/Hi-8 $50: Info $1.00. State Age. MML PO Box 10826 Merriville, IN 46411.

**BRITISH T.V. & FILM.** 400 PAGE 6000 TITLE CATALOG $9.00 REFUNDABLE. LAUGHING HOUSE P.O. BOX 8572, ANAHEIM, CALIFORNIA 92812-0572.

**BETA, CED, 8MM, LASER, VHS MOVIES.** Thousand At Discount Prices, Specify Format. Catalog: $2.50 - Refundable. MailBox Video, 3595 La Playa, Dept. D, West Bloomfield, MI 48324

**California Nude Beaches.** 1-20: Maslin Beach, Australia's largest Nude Beach 1-2; Nudist Beauty Contest 1-15; 2 Hrs. $35 ea, or 3 for $75; Catalog $1.00 T&A 904 Silver Spur Rd., Ste. 414-VM, Rolling Hills Estate, CA 90274-3802.

**AUSTRALIA NUDE BEACH SERIES 1-2;** BLACK'S BEACH 1-3; MEMORIAL DAY, JULY 4TH, NAT'L NUDE WEEKEND. MODEL SHOOT 1-3; 2HRS. $39 EA. OR 3 FOR $85; CATALOG $2.00. U&I VIDEO 6201 SUNSET BLVD. #454-VM, HOLLYWOOD, CA 90028

## FOR SALE

**REPLICA SWISS WATCHES** 18KT Goldplated! Lowest Prices! 2Y Warranty! Heavy Weight! Waterproof! Submarines, Daytonas...! (404) 682-0609

## HOME THEATER

**HOME THEATRE EQUIPMENT BELOW WHOLESALE:** VIDEO PROJECTORS, SURROUND SOUND DECORERS, THX COMPONENTS, ETC. CALL ALAN (800) 374-6306.

## INDEPENDENT PRODUCTIONS

**THINK YOU'VE SEEN EVERYTHIG?!** I thought so too. We're both wrong. Talk about some strange girls! Guaranteed awesome, but inexpensive. Brochure. $2.00 Dark Mountain Video, 607 Corona Street, Suite 294, Denver, CO 80218.

**"PBTM" Buy-Out CD MUSIC LIBRARY! 24Hr. Demo/Info. Line FREE CATALOG (503) 345-0212**

## VIDEO CLASSIFIEDS

**BLUE VANITIES: CLASSIC VINTAGE STAG-FILMS.** 30's to 60's arcade nudes & strippers, softcore & teasers. **COLLECTOR'S ITEMS,** all on video VHS/Beta. Large Selection - Catalog $3.00 **ADULT FILM TO TAPE TRANSFERRING.** Regular, Super 8 & 16mm - Lowest prices available. **Also foreign conversions** (All Countries). FILMFARE VIDEO LABS, INC. Dept. A 401 NE Ravenna Blvd., STE. 156 Seattle, WA 98115.

**AMATEUR ADULT VIDEOS** SALE/TRADE IN EACH ISSUE OF VIDEO XCITEMENT! SAMPLE (PLAIN ENVELOPE) $5.00: P.O. BOX 187-V, FRASER, MI 48026.

**Foreign XXXX Video Sampler - Only $12!** Canadian "Schoolgirl" Amateur - $18! Explicit "Nudist" - $20! 2 - Hours each! High-quality! (Catalog - FREE!) F.P.(v), CP116F, Toronto, Canada M4Y-2L5.

**CALIFORNIA'S NUDE BEACHES 1993!** 2 HOURS $29.95. BROADCAST QUALITY! EXCLUSIVELY FROM PACIFIC VIDEO, 3400 IRVINE #115 NEWPORT BEACH, CA 92660. CATALOGUE 714-252-8336.

**NEW FACES, HOT BODIES.** Outstanding amateur XXX videos. Top quality. Information $2. Preview Tape $15. Over 21 only. Starbright Production, 842 Folsom #260-V, San Francisco, CA 94107.

**DIRTY BOB'S XCELLENT ADVENTURES** continue at a PORN STAR CONVENTION! Vols. 1-7 contain over 10 hours! Private parties, interviews, nakedness, and much more! Preview video (special price) $20 postpaid. **FLYING LEAP PRODUCTIONS** 9 Southmoor Circle Kettering, Ohio 45429. HOT STUFF!

**XXX ADULT VIDEOS:** Unique subjects and hard to find titles. List $2.00. Video Systems 8926 North Greenwood Ave., Suite 134-M, Niles, IL. 60714

**STRIP GYMNASTICS** - Eight gals strip exercise nude. Leg spreads. one hour ..$40. MISS BARE FANNY CONTEST #9 - Best butts U.S.A. 2 hours $45. Color Catalog $2. IP! Video 2521 S. Big Bend Blvd. St. Louis, MO 63143. MC/Visa 314-647-4419.

**HOT, SEXY MODELS SHOW ALL!** $2.00 Color Video Catalog. Sandy's Modeling P.O.B. 3892 Thousand Oaks, Ca 91359

**SEXY REAR SQUIRMING IN PANTIES, TIGHT SHORTS, ETC.** Fresh girls: unbelievable teasing! Broadcast quality. One hour: $40. Sampler: $20. State Age. **"LEWIS",** 3739 Balboa St., Box 200-VM, San Francisco, CA 94121

**Foreign/Amateur XXXX Videos!** 2 Hour Sample, $19! **Catalog FREE** F-P(V), CP116F, Toronto, Canada M4Y2L5.

**Produce Amateur "Adult" Video's** - Video Tape covers Production/Marketing/Contacts. $39.95 VISA/MASTERCARD/DISCOVER 1-800-968-9288, L.M.P, 4913 N. Grand River Ave., Lansing, MI 48906

**YOUNG CALIF. HONEYS.** San Francisco's steamiest solo videos. $30=$3 S&H/two girls/1hr. tape. State Age. Wildfire Productions, 6167 Jarvis Ave. #322 Dept. V Newark, CA 94560

**BRAWLING AMAZONS!!** VIDEOS, Photos, Stories, OBSCURE Movies $2.00 Illustrated Catalogs. Desert Productions P.O. Box 6901 Mesa, AZ 85216-6901

**NUDE BEAUTY & DANCE CONTESTS videos.** Unisex. S.A.S.E. for Brochure. Preview Tape $24.95. Classic Productions, P.O. Box 952, Metairie, LA 70004.

**BEAUTIFUL AMATEUR MODELS** in lingerie, raised skirt, nude, and "Wet" videos and photos. Two hour sample tape $29.95. Illustrated catalog $2.00. WVP, 7737 Fair Oaks Blvd. #129, Carmichael CA 95608

**SHOCKING XXXX EUROPEAN VIDEO Imports!** New in original photo boxes! $25.00 each. 8 for $99.00. Photolog $5.00. TLC, POB 330, Deerfield Beach, FL. 33443-0330.

## VIDEO CLASSIFIEDS

**OUR GORGEOUS GIRLS KNOW YOU ARE WATCHING AND ARE SO EAGER TO LET YOU PEEK UNDER THEIR SKIRTS AND PANTIES AT THEIR INNERMOST SECRETS! THE BURNING HOT FRAGRANCE FROM THEIR EAGER BODIES WILL DRIVE YOU WILD WITH PLEASURE AND EXCITEMENT! STRIP-TEASE TO FULL NUDE-XXX! UNDERWEAR, GARTER BELTS, STOCKINGS, PANTYHOSE, LINGERIE, AND MORE!...ALL REVEALED TO FULFILL YOUR WILDEST VOYEUR FANTASIES! 2-HOUR SAMPLER VIDEO $39.95, (SPECIFY VHS/BETA) OR SEND $5.00 FOR PHOTO FILLED CATALOG. 100'S OF TITLES! LORELL DOLAN-VM P.O. BOX 83, GREENLAWN, NY 11740.**

**EXOTIC ADULT AMATEUR VIDEOS FROM THE JAPANESE UNDERGROUND.** Free Info. **CAL/ASIA,** 4120 Douglas Blvd. #306-194S, Roseville, CA 95746.

**BABES IN THAILAND.** EXPLICIT ONE HOUR SEX FRENZY: $29.00. TEN COLOR PHOTOS: $11.00. SAMPLE PHOTO/CATALOG: $3.00. VOYAGE, 41 SUTTER, #1309-J, SAN FRANCISCO, CA 94104

**WILDIEST SEXIEST AMATEUR VIDEOS AVAILABLE! DON'T MISS OUR WORLD FAMOUS COLORADO RIVER T&A VIDEOS! #148 Labor Day Wet T&A Colorado River 2hr. 1993 #145 Memorial Weekend Wet T&A Colorado River 2hr. 1993 #141 California Nudists 90min. #127 California Nude Beach 60min. $39ea. 2 or more $25ea. Preview Tape 50 Videos 2hr. $25. Brochure $1. ck/mo/visa/mc To: GM VIDEO P.O. BOX 1339 SEDONA, AZ 86339 CHARGE (800) 829-1285. ALL HAVE TOTAL NUDITY!! GM VIDEO is the Original Producers. Accept No Other!**

**BEAUTIFUL COLLEGE GIRLS** pose totally nude in a wild, erotic and exciting 90 minute video. Send $35.00 to: TRANSAMERICA PICTURES, 309 Judah St., Suite 214, San Francisco, CA 94122. State Age. SATISFACTION GUARANTEED.

**YOKO GOES TO THE ORIENT.** I TAPE YOUNG ORIENTAL STUDENTS, PRETTY HOUSEWIVES AND HOT, EROTIC ACTION WITH MY BOYFRIEND. **PREVIEW TAPE** 3 HOURS-$45.00 VISA/MC ACCEPTED. F.E.V. 39 BOWERY, N.Y.C., N.Y. 10002 1-212-996-4054.

**SEXY CHEERLEADERS** show off their panties. Sample photos $5. Photo Finish, Box 64-VM, Granger, IN 46530.

**FREE CATALOG.** Amateur Adult Videos. 1-800-444-8336 Must be 21 Video Alternatives, 2317 Markoe Avenue, Wentzville, Missouri 63385.

**Sun-Bathing Movies European Families.** Natural-unretouched magazines. VHF sampler-$20.00ppd. Photopak $5.00. Videostar V Box 5160 Santa Monica, CA 90409 1-310-392-0046

**Topless French Beaches.** Rio Carnival. Brazilian Beach Girls. Videos $50.00. Catalog $2.00. Brazil Video, P.O. Box 8572, La Jolla, CA 92038.

**Superb Beauties Perform Raised Skirt Bra and Panty Fetish and Nude Videos!** 102 tape Brochure. $5.00 Ninety Minute 17 Model Hot Leg and Butt Video $25.00. STONE CITY P.O. BOX 2313-VM Halsite, N.Y. 11743-0688

**"DOWN ON FARM" XXX UNUSUAL & STRANGE!** Pretty young girls on bizarre adventure! All New. Top Quality. VHS 1 Hour. $45. Also: "B&G" $40. Order Wild & Hard To Find XXX From Around The World! Brochure $10 (REF) Joe Wilde, 1328 Broadway, Suite 1054, New York, N.Y. 10001

**COMMERCIAL XXX VIDEOS AS LOW AS $8.00! FROM ARROW TO ZANE. ALSO OUR OWN LINE OF AMATEUR XXX VIDEOS, SEND $5.00 FOR INFO. TO: S.V.E. POB 797, MACOMB, IL 61455**

**PUBLIC FLASHING - RAISED SKIRT VIDEOS** Amateur girls showing all. Send $2.00 color illustrated brochure. Alchemy Video Productions 2222 Watt Avenue, Suite C-1, Sacramento, CA 95825 (Must State Over 21.)

**MARDI GRAS VIDEOS.** Adults Only. Nudity. $1.00 Color Brochure. VMG, Box 71634, New Orleans, LA 70172.

**SCANDINAVIAN CUTIES!** Cherry Girl XXXX Videos! Sample $40.00. Photolog $5.00. TLC, Box 330, Deerfield Beach, FL 33443-0330.

**HONDURAS, COSTA RICA,** Caribbean, Philippines, Thailand Red Light Districts Guidebook, Videos. Infopak $2.00. International, Box 1035, Deerfield Beach, FL. 33443-1035

**Cute Young Model And Friends Have Unique Videos.** Information $3. Stevi, 556 N. Eastern D-196 Las Vegas, NV 89101

**IDENTICAL TWINS! Brothers or sisters! Ten sets! Ages 18-20! Twenty XXX videos! Satisfaction guaranteed!"** Brochures: $2 (refundable)! Mail: Leland, 30327 Rhone Drive(VMT), Rancho Palos Verdes, CA 90274

**NAKED EUROPEAN YOUNG BEAUTIES VIDEOS! Great Close-Ups!** Satisfaction Guaranteed. 1 Hour Tape $40. Brochure $10. Larry Smith 380 Bleecker Street #136, New York, N.Y. 10014.

**HARD-TO-FIND, UNUSUAL, AND FOREIGN XXX VIDEOS!!** You name it, we got it! Satisfaction guaranteed. 1 hr. sample tape $40. Brochure $5 (ref) Larry Smith, 380 Bleecker Street #136, New York, N.Y. 10014

**MESSY GIRLS HAVE MORE FUN!** Beautiful girls covered in mud, food, paint; wet clothes. Dressed, lingerie, nude. Professional videos, photos, magazines; free newsletter. MESSY FUN-VM6, PO Box 181030, Austin, TX 78718-1030.

## LASER DISCS

**FREE SAMPLE - Laser Disc Newsletter for video consumers. (800) 551-4914, P.O. Box 420 East Rockaway, N.Y. 11518, FAX (516) 594-9307**

*** 12% OFF LASERDISCS ***
**THE LASER IMAGE ... SINCE 1980**
5000 Discs * Pioneer Equipment Dealer
PH: (303) 586-8360 * Fax: (303) 586-2728

**USED LASERDISC. CLEARANCE.** Rare Titles. Save Money. FREE CATALOG. VDI/C 5339 Prospect #221, San Jose, CA 95129

**LASER DISCS UP TO 60% OFF!** FREE CATALOG, LASER EXCHANGE SUITE #275, 444B BROADWAY SAUGUS, MA 01906-1995. (617) 231-8010.

*** 20% OFF NEW LASERDISCS ***
Lowest prices. Trades welcome.
WE ALSO BUY / SELL USED TITLES.
Videoquest (214) 987-4744

## MISCELLANEOUS

**Pearls Of The Orient** Beautiful, English speaking want to write you. Details, Color Photos, FREE LIVE VIDEOS AVAILABLE. (#1 in Service Since 1979) PAL, Blanca, CO 81123 0200 (719) 379-3228 24hrs.

**BEAUTIFUL ORIENTAL LADIES desire romance, correspondence!** Free color brochure! P.I.C. P.O. Box 461873-V, L.A., CA 90046 213-650-1994.

**JAPANESE, ASIANS, EUROPEANS** seek friendship, correspondence! All Ages! Free information: Inter-Pacific, Box 304-A, Birmingham, MI 48012

**BEAUTIFUL JAPANESE LADIES!** We'll Introduce you! Photos, Descriptions, application, $2.00: Japan, Box 20323-V, SunValley, NV 89433

**BEAUTIFUL GIRLS,** worldwide, want correspondence, friendship, marriage. Sample photos free! Hermes, Box 110660/A, D-10836 Berlin, Germany

**RUSSIAN LADIES,** truly beautiful, seek companionship. Free color photobrochure! Russia76; P.O.B. 888851; Atlanta, GA 30356 (404) 458-0909.

**LATIN EUROPEAN AND RUSSIAN BEAUTIES** Want Romance/Marriage. Free 36 Page catalog. LatinEuro I Introductions, Box 26750-VI, Ft. Lauderdale, FL. 33820, 1-305-858-7766 . Anytime.

**MEET WOMEN WORLDWIDE!** Free 32 page photo catalog! CHERRY BLOSSOMS, 190VM Rainbow Ridge, Kapaau, Hawaii 96755. 1(408) 980-7488.

**TRADITIONAL ORIENTAL WIVES!** Overseas correspondence - free photos, details. Asian Experience, Box 1214C, Novato, CA 94948. (415) 897-2742.

**ATTRACTIVE JAPANESE WOMEN,** other Asians seek friendship/marriage! Pacific Century, 110 Pacific Ave., #208-GB, San Francisco, CA 94111. 816-942-1668.

**ASIAN WOMEN DESIRE ROMANCE!** Overseas, Sincere, Attractive. World's #1 Service! Free Details, Photos! **SUNSHINE INTERNATIONAL CORRESPONDENCE,** Box 5500-ZR, Kailua-Kona, Hawaii 96745. (808) 325-7707

**THAI/ASIAN WORLDWIDE ladies desire lifemates!** FREE brochure: TAWL, P.O. Box 937(V) Kailua-Kona Hawaii 96745-0937. (808) 329-5559

**THAILAND - MARRIAGEABLE WOMEN WAITING!** Photograph brochure $3. Video $20. Tours. "Thai" Box 398176(VM) Miami. FL. 33139

**NUDE CELEBRITY PHOTOS!** Movie and television stars! Illustrated list. $1.00. Superstar Enterprises, Box 886, Orchard Park, NY 14127.

## OVERSEAS EQUIPMENT

**MULTI-STANDARD TVs, VCRs, PAL, CAMCORDERS, WORLDWIDE USE, ASMARA OVERSEAS SHIPPERS,** 5568 Sepulveda Boulevardm, Culver City, CA 90230. PHONE: (310) 398-0080. (800) 723-4646.

## SATELLITE

**SATELLITE EQUIPMENT 5-10% ABOVE COST!** Receivers, LNBs, Programming Orbit $40, SatTVwk $44 Canyon Satellite 602-921-3159

## SERVICES

**"VCR'S, CAMCORDERS, AND SATELLITE RECEIVERS REPAIRED AT WHOLESALE PRICES. ALL MAKES AND MODELS. JUST SEND UPS TO: PRO TECH, 4899 N. OLD HIGHWAY 37, BLOOMINGTON, IN 47408. WE'LL DO THE REST."**

## SUPER VHS

**Super VHS Movies** America's #1 supplier of S-VHS titles. All professionally duplicated. **No VHS owners please!** 1-800-331-6304. Super Source Video, P.O. Box 410777, San Francisco, CA 94141.

## TRANSFERRING

**DIGITAL VHS CONVERSIONS, NTSC/PAL/SECAM, $20.00 inclusive.** AVF VIDEO, P.O. Box 581667, Minneapolis, MN 55458, 1-516-672-9518.

**FOREIGN VIDEO CONVERSIONS.** Through digital process. PAL/SECAM, RK VIDEO DUB INC. 60-15 ROOSEVELT AVENUE, WOODSIDE, N.Y. 11377. 1-800-851-8514. 1-718-639-2881.

**FOREIGN DIGITAL CONVERSIONS, FOR WORLDWIDE TELEVISION STANDARDS REASONABLE RATES & FAST SERVICE. OVERSEAS VIDEO, 203 PEPPERRIDGE CIRCLE, STREAMWOOD, IL 60107. 1-800-782-4622.**

**DIGITAL CONVERSIONS - LOWEST RATES** Guaranteed quality. All Standards/Formats. INTERVIDEO 3533 S. Archer, CHICAGO, IL 60609 1-800-726-1315.

**FOREIGN DIGITAL CONVERSIONS $24.95** NTSC/PAL/SECAM. Open til midnight EST, 7 days a week. 3D Research, 20120 Route 19, Suite 105-274, Mars, PA 16046 (416) 776-7384

**DIGITAL CONVERSIONS $24.95. VIDEOCASSETTE DELIVERED. QUALITY GUARANTEED. EIGHT GREAT YEARS OF SERVICE. SAME DAY. A.I.V., 595 CIRCLEWOOD, AURORA, OH 44202 (216) 562-8983.**

**PHOTOS TO VIDEO.** PHOTOS, NEGATIVES, SLIDES to videotape. Send $3, reimbursible, for protocol/mailer. Foto VA 63-05 Roosevelt Avenue, New York, NY 11377

**DIGITAL VHS CONVERSIONS,** NTSC/PAL/NTSC also BETA transfers, $25.00 Inclusive, By return service, EDENBRIDGE VIDEO, P.O. Box 4025, EDEN, NC 27289, (919) 635-5555

## CABLE

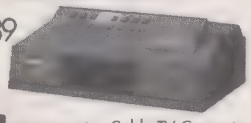
**CABLE T.V. EQUIPMENT**
*WHY PAY A HIGH MONTHLY FEE?*
All makes and models! Low Prices. Quantity discounts. 60 Day Warranty. Shipment within 24 hours. Stamped envelope (50¢) for FREE catalog. C.O.D. orders accepted. No Illinois orders.
L&L ELECTRONICS, INC.
1430 Miner St., Suite 522
Des Plaines, IL 60016
Information 1-(708) 438-4056
Orders 1-800-542-8190
*YEARS OF CUSTOMER SATISFACTION!*
Purchaser agrees to comply with all state and federal laws regarding private owner ship of cable TV equipment. Consult your local officials.

## CABLE TV DESCRAMBLERS
WE HAVE WHAT YOU WANT AND MORE!

We offer a full line of original and aftermarket descramblers for Jerrold, Pioneer, Zenith, Scientific Atlanta, General Instrument...

Call for information & pricing

$89



$49

**Panasonic**, Cable TV Converter

**VIDEO STABILIZER**
Allows you to copy movies protected by Macrovision and other copy protection systems. Metal case w/9v battery included. Optional AC adapter $6.

CALL 800-487-2225

Gault, Inc.
6325 9 Falls of Neuse Rd. Suite 310 Raleigh, NC 27615

## CABLE TV DESCRAMBLERS
**1-800-233-9388**
FREE CATALOG
GUARANTEED BEST PRICES · IMMEDIATE SHIPPING
APPLE ELECTRONICS
3389 Sheridan St. Suite 257
Hollywood, FL 33021

## CABLE DESCRAMBLERS
ALL MAJOR BRANDS
**WE BEAT ANY PRICE!**
MONEY BACK GUARANTEE!
PLEASE HAVE MAKE AND MODEL NUMBER READY WHEN CALLING
CABLE HOTLINE 800-497-6273

FREE CATALOG! 1-800-648-7938
JERROLD HAMLIN OAK ETC
## CABLE TV DESCRAMBLERS
• Special Dealer Prices! • Compare our Low Retail Prices! • Guaranteed Prices & Warranties!
• Orders Shipped Immediately! VISA/MC/AmEx
**REPUBLIC CABLE PRODUCTS, INC.**
4080 Paradise Rd #15, Dept. 237 Las Vegas, NV 89109
For all other information (702) 362-9026

## CABLE TV DESCRAMBLERS
• Quantity Discounts • 24 Hour Shipping
• Save Money Don't Rent
***NOBODY BEATS OUR PRICE***
Call Us Last For Best Price
**1-800-677-0321**
Anyone implying theft of service will be denied service
VCI - NO FLORIDA SALES

## CABLE TV DESCRAMBLER LIQUIDATION!
FREE CATALOG!
Hamlin Combos $44, Oak M35B $60 (min. 5), etc.
WEST COAST ELECTRONICS
For Information 818-709-1758
Catalogs & Orders 800-628-9656

## ACCESSORIES

## 14K GOLD & STERLING CAMCORDER JEWELRY
Sterling charm or tietack.....$ 29.95
14K gold charm or tietack ....$229.95
14K gold charm or tietack with Genuine Ruby Lens...$259.95

ACTUAL SIZE

*30 DAY MONEY-BACK GUARANTEE*
FREE SHIPPING! ALLOW 4-6 WEEKS FOR DELIVERY

Send check or money order to:
PALMYRA MARKETING INC.
20 PLAZA ST. SUITE B12
BROOKLYN, N.Y. 11238

For info. or rush orders call: (718)398-3887

## CABLE TV EQUIPMENT
FREE 30 DAY TRIAL
The nationwide source for cable TV equipment. "Buy where the dealers buy."
FREE TV CABLE DESCRAMBLERS & CONVERTERS CATALOG. CALL TODAY!
MEGA ELECTRONICS VISA • MC • C.O.D. • SAVE 1000's
1-800-676-6342
21 South Main Street, Winter Garden, FL 34787

## ELECTRIFYING DEALS!!
## ★ CABLE TV ★ DESCRAMBLERS
CONVERTERS ★ ACCESSORIES
★ Name Brands ★ Great Service ★
★ Immediate Delivery ★ Lowest Prices ★
NOT AVAILABLE IN CALIFORNIA
CALL FOR FREE CATALOG **(800) 777-7731**
PRIME TIME Electronics, Inc.

## PLAZAC SALES INC.
Cable TV Converters Plus Panasonic, Scientific Atlanta, Jerrold, Pioneer and more. Professional Service, Good Prices. One Year Warranty - Ship C.O.D. Any one implying theft of service will be declined sales. Sorry, no New Jersey sales. Dealers Wanted.
PLAZAC SALES INC.
1-800-A-WIRE-4-U (1-800-294-7348)

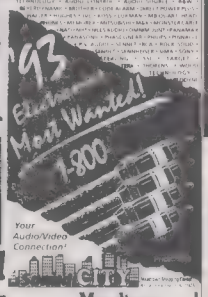
## MULTI-VISION ELECTRONICS
CABLE TV
Converters & Descramblers

* Tocom * Oak
* Jerrold * SA
* Zenith * More

Why tolerate unbearable, monthly cable fees when you can buy for less at Multi-Vision?
**800-835-2330**

## SINGERS! REMOVE VOCALS!
**Unlimited Backgrounds™**
From Standard Records & CD's with the Thompson Vocal Eliminator. Call for free Catalog & Demo Record.
Phone: (404)482-2405
Singer's Supply, Dept. VI
1984 Hightower Trail
Lithonia, GA 30058
24 Hour Demo/Info Request Line (404)482-2405 Ext 40
Singer's Supply - We Have Anything & Everything For Singers

## FREE STEREO CATALOG
For The Latest In Todays Most Wanted Audio & Video Electronics




**1•800•GET-HIFI**
City
Meadtown Shopping Center
Route 23 S
Kinnelon, NJ

## STOP JAMMIMG ME!
If you rent video tapes they're jamming you too.

When playing back rented movies you will notice annoying flashes, streaks, jitters ect. This is caused by copy protection jamming embedded in the video. The MVE2000 will spot and completely eliminate Macrovision and all current copy protection and jamming giving you a crystal clear picture.

Guaranteed eliminates all copy protection
*Works on all Tv's, VCR's, Beta, cable.
*Completely automatic no adjustments.
*Digital state of the art.
*1 year warranty.

**$59.95**
Add $5.00 S/H
or
Super VHS Model $99.95

Order toll free
VISA M/C A.X. C.O.D. DISCOVER
**1-800-967-2603**
OR
402-553-3266
DISTRIBUTORS UNLIMITED
643 N. 98th St. #254 Omaha, NE 68114

## FREE Catalog
Converters & Descramblers
30-Day Guarantee
Best Prices*Best Warranties

*MasterCard*Visa*
*Discover*Amex*COD*
**Show Time Cable**
643 N 98th St STE 260
Omaha, NE 68114
1-800-643-4258

## SATELLITE TV
SATELLITE TV BUYING GUIDE
NAME BRANDS AT 50% DISCOUNT
This FREE 24 page Consumer Buying Guide tells all about Satellite TV and lists guaranteed lowest prices.
Satman, Inc.
6310 N University No. 3798 • Peoria, IL 61612
CALL FOR 1-800-472-8626

## VIDEO CLASSIFIEDS

**Quality Microwave TV Antennas**

WIRELESS CABLE - IFTS - MMDS - Amateur TV
Ultra High Gain 50db(+) • Tuneable 1.9 to 2.7 Ghz
- 55-Channel Dish System $199.95
- 36-Channel Dish System $149.95
- 20-Channel Dish System $124.95
- Optional Commercial Grid Antenna (not shown) Add $50.00
- Yagi Antennas, Components, Custom Tuning Available
- Call or write (SASE) for "FREE" Catalog

Dish System
LIFETIME WARRANTY

PHILLIPS-TECH ELECTRONICS
P.O. Box 8533 • Scottsdale, AZ 85252
(602) 947-7700 ($3.00 Credit on all phone orders)
MasterCard • Visa • American Express • COD's • Quantity Pricing

Circle 157 on Reader Service Card.


## VIDEO DISCS


LASER WORLD

WE OFFER:
The Largest Inventory!

FREE! New Release Mailings!

10% OFF on all Titles!
15% OFF on 3 or More Titles!

Call 1-800-935-9211 Today for Immediate Service or Send to:
*LASER WORLD*
3305 Corporate Ave. Ft. Laud., FL. 33331
*Major Credit Cards Accepted!
Hours: 8:30AM - 5:30PM Mon. thru Fri.
FAX Your Order! (305) 384-0926!



**NEW & USED LASERDISCS!!**
We stock over 2,000 used & over 6,000 new LV titles!
& we take your Used Discs in trade!!
INDUSTRY'S BEST SELECTION & SERVICE SINCE 1984
*IMPORTS, CD-I, CD-ROM & KARAOKE, TOO!!*
Sight & Sound Call or write for our FREE catalogs!!!
*617 894-8633 fax 617 894-9329*
*27 Jones Rd., Waltham, MA 02154*



*01 LASER VIDEO*

*Discounts*

| | |
|---|---|
| All laserdiscs | 10% |
| Orders over $150 | 12.5% |
| Orders over $250 | 15% |
| Pre-orders | 12.5% |
| Karaoke discs, CDG | |

*Available Exclusively From...*
image ENTERTAINMENT
"The Finest in LaserDiscs"™

*Free catalog*
Free UPS Ground (CONTINENTAL U.S.)
*Visa, MasterCard, American Express, COD's, & checks*
*We carry every title of laserdisc.*
*We carry LaserKaraoke players and All Sizes LaserKaraoke Discs.*
*We can special order Japanese Import laserdiscs.*
Mon-Fri 9 – 9 / Sat 11 – 9 / Sun 11 – 6
Toll free (800) 342-9715 or 714-848-4034
(FAX) 714-841-3304
8780 Warner Ave., #14, Fountain Valley, CA 92708


## VIDEO CLASSIFIEDS


SAVE 40%-60% **SATELLITE TV** FREE $6 pg Catalog

NAME BRAND EQUIPMENT & ACCESSORIES
Systems • Upgrades • IRDs • Movers • Feeds
LNBs • 3' to 24' Dishes and much more...
*100% Satisfaction Guaranteed*
800-334-6455
218-739-5231 Int'l
218-739-4879 Fax
*Skyvision, Inc.*
1028 FRONTIER DRIVE FERGUS FALLS, MN 56537
YOU CAN INSTALL OR UPDATE YOURSELF!



PIONEER LaserDisc™

**WE STOCK EVERY TITLE**
Largest mail order retailer in the U.S.
- Fastest availability on new titles
- Most orders shipped same day
- 10% discount on all titles
- Free UPS Shipping in Continental U.S. (2nd Day Air Only)
- Visa, Mastercard, Amex, checks & C.O.D.

44 Years In Business

For Free Catalogue Call or Write
Ken Crane's
1-714-892-2283
1-800-624-3078
IN CA 1-800-626-1768
15251 Beach Blvd., Westminster, CA 92683

Circle 155 on Reader Service Card.



*CLASSIFIEDS*
*FOR MORE INFORMATION*
*CALL 212-947-6500*



**MOVING?**

Don't risk missing an issue. If you're changing your address, please give us 8 weeks notice. Simply PRINT your new address below and mail this coupon—ALONG WITH YOUR CURRENT SUBSCRIPTION MAILING LABEL—to: VIDEO, P.O. Box 56293, Boulder, Colorado 80322-6293 (please print)

Name _____
Address _____
City/State/Zip _____


# MAIL-ORDER GUIDELINES

*Note:* These regulations do not pertain to orders placed over the telephone and charged to a credit card.

### SUGGESTIONS FOR MAIL-ORDER PURCHASERS

1. Read the ad carefully.

2. Whether you place your order by mail or by telephone, confirm the exact price (including any rebates) and any additional costs such as warranties, shipping, handling and insurance before you place your order.

3. Check with the advertiser regarding any warranties offered or available for purchase.

4. Check whether the advertiser has a return policy **and a restocking charge.**

5. Keep a record of your order and all other transactions and get the names of all persons with whom you speak.

6. Never send cash. Pay by check or money order or with a credit card so you will have a record of your transaction. If you pay by credit card, you may have a greater measure of recourse in the event the advertiser does not perform. (Check the complaint procedures of your credit card companies.)

7. If you receive damaged or improper merchandise, contact the advertiser as soon as possible.

8. Get a receipt from the shipper whenever you return merchandise.

9. Since VIDEO Magazine will not continue to accept advertising from businesses that have engaged in a regular pattern of unfair or improper dealing with our readers, try to determine which have been long-standing advertisers

### WHAT TO DO IF YOU HAVE A PROBLEM

1. Allow 30 days for receipt of order or delay notification.

2. Contact the advertiser in writing, stating the merchandise ordered, the price and date of order, and the nature of your complaint. Include proof of payment (copy of cancelled check, showing both sides, credit card statement, etc.). Keep a copy for your records.

3. Allow two weeks for a response from the advertiser.

4. If your complaint is still not resolved, contact us *in writing* (no phone calls, please), enclosing copies of all correspondence and proof of payment along with an explanation of what has transpired.

Mail to:
VIDEO Magazine
Advertiser Complaint Dept.
460 West 34th Street
New York, NY 10001

Other organizations that can assist you if you have a problem.

The Direct Mail Marketing Association
Mail Order Action Line
6 East 43rd Street
New York, NY 10017

Your local postmaster
(Ask for the name and address of the appropriate "Inspector-in-Charge.")

Your state or local consumer protection office or the office closest to the advertiser.

The Better Business Bureau.

Your state Attorney General's office.

WE WELCOME CALLS!

SONY
JVC
Panasonic
PHILIPS
RCA
VIDEONICS
Scotch
RICOH
TDK
BOSE
maxell
Nady
Canon
sima
FUJIX
BOGEN
Citizen
Panasonic
RECOTON
AIWA
AMBICO
AUDIO SOURCE
SHARP
EVERQUEST
Vivitar
CRAIG
AZDEN
VIRTUAL VISION
VANGUARD
CASIO
SUNPAK
MONSTER CABLE
LENMAR
DISCWASHER
VIDCAM
ADVENT
TUNDRA
GO - VIDEO
FUJI

AUTHORIZED DEALER — ALL MERCHANDISE FACTORY SEALED

VISA DISCOVER MasterCard

CODE VI 61

# PLANET ELECTRONICS

WE SHIP C.O.D.

NOBODY BEATS US!

IF YOU FIND A BETTER DEAL... WE'LL BETTER OUR DEAL!

8418 Lilley
Canton, Michigan 48187
800-247-4663
in Michigan, call:
313-453-4750

## 800-247-4663

ALL ORDERS SHIPPED WITHIN 24 HOURS

OVER-NIGHT AVAILABLE

### PLANET'S PHILOSOPHY

Our goal is to provide the best prices on the equipment we offer. We value repeat business and referrals. Therefore, service must be provided before and after the sale.

All merchandise is authorized and factory-sealed. No credit card fees. No excessive shipping charges. No "Bait and Switch"

As a PLANET customer your satisfaction is our success. If you have any questions or problems, please call customer services.

THANK YOU!
800-247-4663

**MACRO BUSTER** $49
Removes copy protectors
100% GUARANTEED

BOSE AUTHORIZED DEALER
ADVENT AUTHORIZED DEALER
SPEAKERS
PLEASE CALL!

**VIRTUAL VISION**
Great for camcorders • watching TV • much more

**SONY** AUTHORIZED DEALER
VCR'S • TV'S
CAMCORDERS
AUDIO-VIDEO PRINTERS

**RCA** AUTHORIZED DEALER
VCR'S • CAMCORDERS • TV's

**Panasonic** AUTHORIZED DEALER
VCR'S • CAMCORDERS
TV'S • VIDEO PROJECTORS
EDITOR • VIDEO PRINTERS

**Panasonic** PRO LINE AUTHORIZED DEALER

| CAMCORDERS | | VCR'S | TVs |
|---|---|---|---|
| AG455 | AG195 | AG1240 | CT2083VY |
| AG460 | AG3 | AG1740 | CT1383VY |
| PROJECTORS | | AG1970 | EDITORS |
| PT10L | | AGW1 | WJMX30 |

**JVC** AUTHORIZED DEALER
AUDIO/VIDEO RECEIVERS
CASSETTE DECKS • VCR'S • TV'S
CAMCORDERS • CD'S

**PHILIPS** AUTHORIZED DEALER
HI-FI
AUDIO/VIDEO RECEIVERS
MULTI CD PLAYERS • CD-I • DCC

**Canon** AUTHORIZED DEALER
CAMCORDERS
WE STOCK 'EM ALL.

**SHARP** AUTHORIZED DEALER
CAMCORDERS
PLEASE CALL!

**AIWA** AUTHORIZED DEALER
MINI AUDIO SYSTEM
PAL/SECAM VCR's

**Citizen**
LCD 3" COLOR MONITOR M329
LCD 4" COLOR MONITOR M938

**FUJIX** AUTHORIZED DEALER

| CAMCORDERS | VIDEO PROJECTORS |
|---|---|
| FUJF120SW | P701 |
| FI128W | P404 |
| FI128SW | |

**VIDEONICS**
TITLEMAKER • EDITMAKER
SPECIAL EFFECTS MIXER • COLOR EQUALIZER • THUMBS UP

**AZDEN – VIDEO MIC'S**
IMPROVE CAMCORDER PERFORMANCE
LENS • REWINDERS • MIXERS
Please Call

**BOGEN** TRIPODS
3124 - Dolly
3016 - Monopod
3116 - Mini
3140 - Pro
3144 - Shoulder Mount
3179 - Tri-pod
3170 - Tri-pod
3160 - Tri-pod
Please Call!

**sima** VIDEO EDITORS
TITLERS • LIGHTS • MIXERS
BATTERY REFRESHERS
Please Call

**Nady**
PRO VIDEO MIC'S • HEADPHONES
Call for Details

WE WELCOME CALLS

**VIDEO/ AUDIO TAPES**
maxell
SONY
TDK • JVC
Scotch • FUJI
All sizes & formats.

**FREE CATALOG**
64 PAGES FILLED WITH PRICING & SPECS ON CAMCORDERS, TV s, VCR s AND ALL AUDIO/VIDEO PRODUCTS.
PLEASE CALL
800-247-4663

WHATEVER YOU NEED IN VIDEO ...
WE STOCK IT! JUST CALL!
YOUR SATISFACTION IS OUR SUCCESS!

**CAMCORDER ACCESSORIES**
Lights • Lenses • Tripods • Editing
Rewinders

Not responsible for type errors. Circle 51 on Reader Service Card.

BY FRANK BEACHAM

# *How can I sell thee? Let me count the ways.*

Will the coming of personalized video services, like movies-on-demand, kill off the familiar TV commercial? Some members of the advertising fraternity are already lamenting it's anticipated death. After all, if viewers are going to be paying for virtually everything they're watching, why would anyone want to watch commercials?

The answer is that people secretly like watching commercials. Even better, from an adman's point of view, people need and want commercials. This is the view of Keith Reinhard, CEO of DDB Needham Worldwide, a major ad agency and a player in the emerging world of interactive advertising. And it's why Reinhard believes the information highway and other interactive service technologies will only lead to newer, not fewer, types of onscreen promotion.

Reinhard's slogans, like "You Deserve a Break Today" for MacDonald's, have become part of the popular culture. But popular culture is changing, and so will commercials. Reinhard's comments before a recent gathering of media executives, pondering the coming of an interactive age, offer a glimpse into the ways advertising will have to change when viewers are able to be more choosy about what they watch.

For a start, Reinhard told the executives, ad agencies and television marketers will have to turn into multimedia specialists if they hope to survive. But new ways of thinking about advertising will not seem so radical if we recall that before television, people in need of products depended on such "low-tech" forms of interactive advertising as the Sears Roebuck catalog and door-to-door salesmen. Taking the long view, the television era, said Reinhard, can be seen as "an unnatural act in the art of selling."

Television, for the first time, put advertisers in complete control. It forced customers to sit silent and inactive, captive to the medium. But if the changing nature of television lets customers begin to control their own programming, then what? "If the one-way advertising on conventional TV can be likened to putting up a billboard along a highway, then advertising through interactive media will be more like opening a roadside stand," said Reinhard. "At this stand, the marketer will need to heighten interest, draw attention, give product information and close the sale, all at the same time and location."

Customers in today's television environment are told what advertisers want them to know, said Reinhard. "In the age of multimedia, we must tell customers what they want to know." As a result, Reinhard predicted we'll be seeing:

- More programs, sponsored or produced by a single advertiser.
- More programs for homogenous demographic groups. Proctor & Gamble, for example, might advertise soap products on a show intended for women.
- More infomercials.
- More joint ventures between media companies, marketing companies and ad agencies. For example, a magazine about skiing might partner with a skiing equipment maker and an ad agency to create a TV show about skiing.
- More precisely targeted commercials. For example, on the same TV program, Ford might broadcast commercials for Escorts to lower income neighborhoods, while spots for Lincoln Town Cars reach homes in more affluent neighborhoods.
- Special product channels that allow interactive comparison shopping. For example, dedicated automobile channels would let potential car buyers compare models feature by feature at the touch of a keypad.
- New types of stores set up for advertisers who sell interactively.
- More video kiosks in shopping malls and stores.
- A greater variety of commercials. Since viewers will only watch ads they find interesting, ad agencies will have to change them more frequently.

Commercials will also have to be more lively, since early users of interactive media won't be the passive couch potatoes some experts expect. Reinhard says his company's research shows they're likely to be active, impulsive people who do not feel the world is changing too fast, who like the feeling of speed, who are willing to pay extra for services that eliminate hassle, and who are under great pressure.

It's a media world in which advertisers will have to be "as nimble as their customers" since the "advertising messages will be chosen by the consumer," said Reinhard. "This will spell doom for ads that insult the intelligence or offend sensibilities."

We can only hope. ■

RANDALL ENOS

# INNOVATION SPECIALTIES

NADY SYSTEMS INC.

YOUR EXCLUSIVE NADY DEALER!

## NADY VIDEO CAMCORDER ACCESSORIES AT THE LOWEST PRICES!

## CALL TOLL FREE!

# 1-800-222-8228

**FROM JUST $159.95! (LT ONLY)**

**151 VR WIRELESS VIDEO MICROPHONE**

**FROM ONLY $209.95! (LT ONLY)**

**351 VR ULTRA COMPACT PRO WIRELESS VIDEO MICROPHONE**

SALE $19.95

NHM-200 Narrator Headset Monitor

SALE $31.95

VLM-770 Powered Lavalier Microphone

SALE $34.95 SBM-500 Stereo Camcorder Microphone

SALE $52.95 CTM-600 Normal/Tele Camcorder Microphone

SALE $59.95

MCM-400 Real Time Camcorder Audio Mixer

SALE $89.95

AVM-300X Stereo A/V Mixer with Video Fade

SALE $89.95

WH-90 Wireless Stereo Headphone System

FROM ONLY $639.95 (LT ONLY)

551 VR Two Channel Wireless Video Microphone

SALE $45.95

VCM-100 Camcorder Boom Microphone

Circle 18 on Reader Service Card.

**innovation specialties**

2625 Alcatraz #243
P.O. Box 5899-243
Berkeley, CA 94705

VISA

MasterCard

Add $5 for shipping and handling per order. Most orders shipped within 48 hours. Special delivery services available. CA residents add applicable sales tax. All prices quoted include manufacturer's standard accessories & U.S. Warranty. Visa and MasterCard accepted. COD, too.

**The Best Price and Performance in Video Camcorder Accessories!**

INFRA-RED REMOTE WITH JOG/SHUTTLE

While its HQ circuitry sharpens the picture and its Hi-Fi stereo with Hyper-Bass delivers theater-quality sound, the real beauty of the HR-VP700 lies beneath its elegant, component-grade exterior.

The HR-VP700 makes sure you record the programs you want, when you want them with its unique VCR+ with Cable Box Control. This means it not only programs in the date and time *automatically*, but it can even switch your cable box to the right channel.

Instead of making you sit or scan through hours of video to find what you want to watch, the HR-VP700 has a unique "Video Album Maker" function that lets you pick out exactly the sections you want and dub them to another VCR in any order! Its Jog Shuttle (also on the remote) gives you variable slow motion speeds and multiple speed visual search to study or locate segments fast and accurately. Plus, its Flying Erase Head and Zero Frame Editing give your videos that glitch-free, professional look.

SELECT AND ASSEMBLE UP TO 8-SEGMENTS IN ANY ORDER...AUTOMATICALLY!

Think about it: most high end VCR's brag about *their* enhanced performance; the JVC HR-VP700 enhances *your* performance, too. That's because JVC invented VHS.

JVC®
The Inventor of VHS.

# At JVC, higher performance means more than a better picture.

# Wrap Up Your Holiday Shopping

Give your friends the perfect gift — 12 issues of VIDEO Magazine to keep them in the know on video.

You'll save time ... no long lines, no traffic ... and you don't need to worry about sizes either.

Your first gift is only $11.97. You save almost 20% off the regular $15.00 price. Additional gifts are just $9.97 — you save even more! Please attach a separate sheet for additional gifts and return with this card in an envelope.

DETACH HERE AND MAIL TODAY.

VIDEO magazine

# Holiday Gift List

Each gift you give will be acknowledged with a handsome gift card. Your friends will appreciate your thoughtful gift — and we will, too.

In a hurry? Call Toll Free 1-800-365-1008 and order your gifts today!

*Thank you!*

**Send Gift Subscription To:**

Name _____

Address _____

City _____ State _____ Zip _____

**Bill Me $11.97** (additional gifts are $9.97)

Name _____

Address _____

City _____ State _____ Zip _____

☐ Enter or renew my own subscription, too.

☐ Payment Enclosed

☐ Bill Me Now

☐ Bill me after Jan. 1,1994.

Offer valid for U.S. and Canada. Canada add $7.47 for postage and GST.

4AES5

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

**BUSINESS REPLY MAIL**

FIRST CLASS MAIL PERMIT NO. 3494 NEW YORK, NY

POSTAGE WILL BE PAID BY ADDRESSEE

VIDEO
P O BOX 52255
BOULDER CO 80321-2255